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62157

1911

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Will H. J. J. J.



**SEEDS  
AND  
IMPLEMENTS**

136 MAIN STREET

PATERSON, N. J.

  
ESTABLISHED 1835

U. S. DEPARTMENT OF AGRICULTURE  
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WASHINGTON, D. C.

Wm. L. Munz & Co.  
MUNZ BROTHERS

SEEDS  
AND  
EXPERIMENTAL

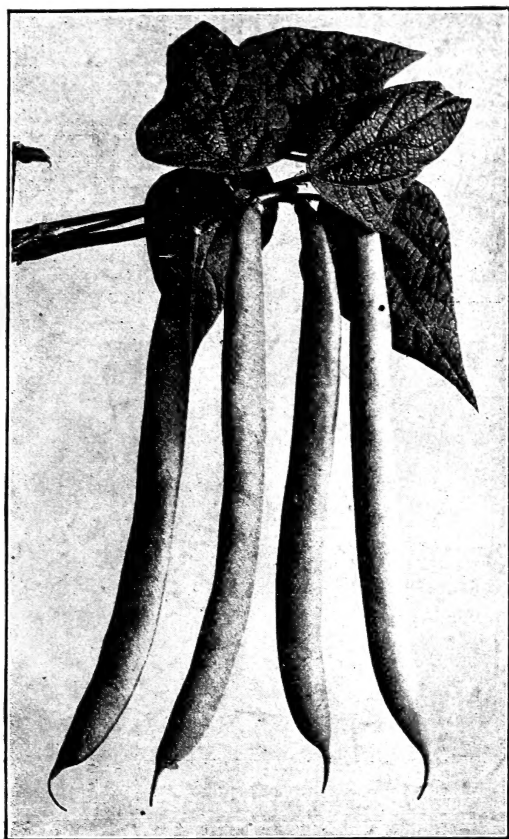
130 MAIN STREET - BARRINGTON, N.J.

ESTABLISHED 1850



# MUZZY BROTHERS NOVELTIES ~~AND~~ SPECIALTIES FOR 1911

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## BLACK VALENTINE BEANS

### —Dwarf—

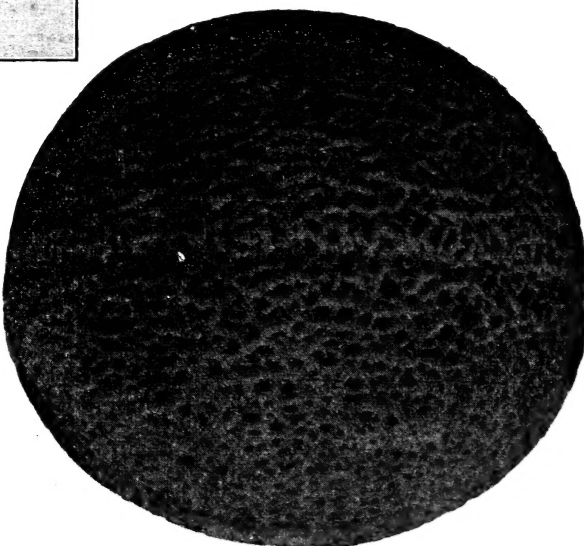
Hardy and vigorous. upright in growth. Pods held well up from the ground. Early and remarkably uniform in height as well as ripening, making it one of the most desirable sort for Market Gardening. Pod round, thick, solid, meaty and of fine flavor

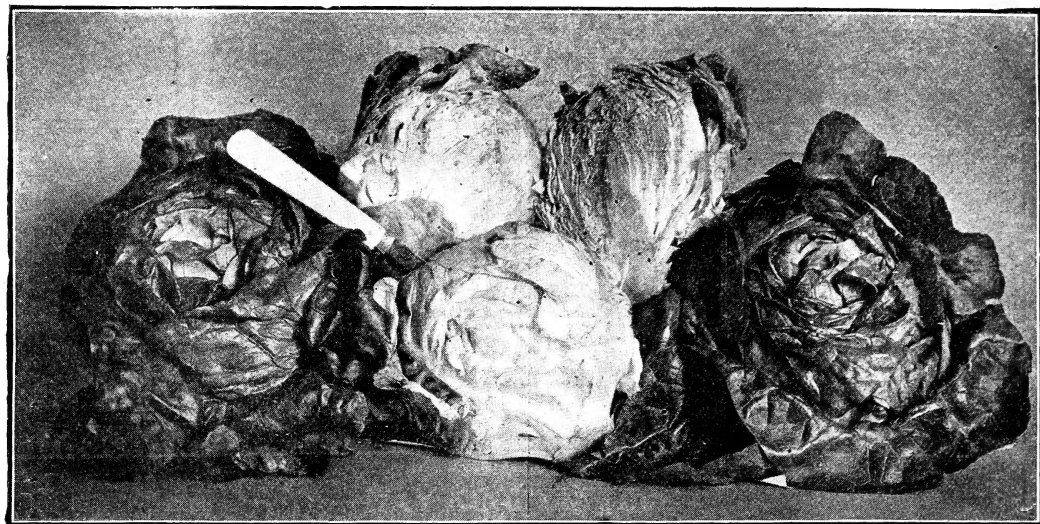
We find this to be as early as any strain of Valentines we have ever tested. Ripening with almost an entire absence of flat pods. Seed medium size of black.

Price, qt. 30c. 1-2 pk. \$1 00 pk.  
\$1 75 bu. \$6 00.

## POLLOCK MELON

THE POLLOCK is the most widely used and is the hardiest, best shipping and eating melon. It is the original rust-resistant. We have been breeding it for solid netting, thick meat and correct color of flesh. We regard this as the best melon grown. Price oz. 25c. 1-4 lb. 60c. 1 lb. \$2.00





### MAY KING LETTUCE

This variety is a light green, Cabbage sort of medium size. It forms a very tight head and is very early. It is also one of the surest heading varieties we have. In size and general characteristics it is similar to White Seeded Tennisball but has no tint of brown on the leaves and is of a much better flavor.

Price oz. 15c.  $\frac{1}{4}$  lb 35c. lb. \$1.25



### MUZZY EXTRA AMAGAR "Danish Ballhead"

Tallstemmed, head round, white, late very hard, good for winter keeping. Especially recommended for low, moist and heavy soil.

Oz. 35c.  $\frac{1}{4}$  lb. \$1.00 lb. \$3.50

### MUZZY IMPROVED AMAGAR

#### "Danish Roundhead"

Shortstemmed, two weeks earlier than above, head round, large, good for winter-keeping. Is especially recommended for high and light soil.

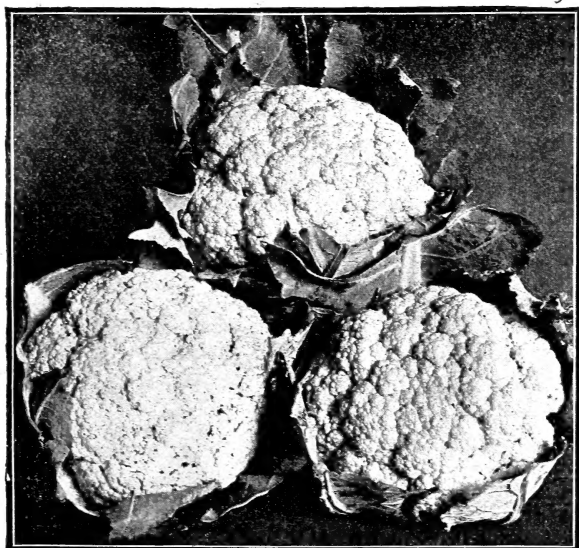
Oz. 35c.  $\frac{1}{4}$  lb. \$1.00 lb. \$3.50



**SWEEDISH OR WASHINGTON OATS**

No. 9422

Of this grand white branch variety, Prof. Moore of experimental station says: "New, heaviest, thinnest hull, stiffest straw, best of thirty-six varieties: weight 36 to 40 pounds measured bushel." While at Washington, D. C., I procured of Prof. Carlton of U. S. Department of Agriculture, these oats, which he pronounced at the head of the oat kingdom. Under unfavorable circumstances they yielded 81 1-2 bushels, weighing 37 1-2 pounds per bushel. A small field of 2 acres yielded 227 bushels. These are the finest oats we have ever grown, straw 4 to 5 feet tall, many heads 8 to 11 1-2 inches, do not rust, stand up well, plump meats make it the greatest serial of all oats. One party says yield is double to Michigan Wonder. Another says yield 20 bushels more than Welcome or Lincoln. In 1904 reports of yields were from 80 to 115 bushels per acre. Our stock was grown from our own seed for us. **The grower says,** best oats we have ever grown, about one week earlier than others, stand up well, do not rust, think if sown thicker yield would have been at least 90 bushels per acre. Price \$1.25 per bushel.



**DENMARK SPECIAL LARGE**  
Pkg. 20 cts. oz. \$1.00 ¼ lb. \$2.00



Washington  
Oats 9422



### THE EVERBLOOMING TRITOMA PFITZERI

The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, equal to Gladiolus as a cut flower and blooms incessantly from June until December, regardless of frost. Plants show from 6 to 10 grand flower stalks all the time, each holding at height of 3 to 4 feet a great cluster of flame-colored flowers of indescribable beauty and brilliancy. Fall frosts do not kill or stop its blooming, and it is as brilliant as ever long after all other garden flowers have been killed. For cutting it is unsurpassed, and the beautiful long spikes keep several weeks in water. Without a single exception, it is the most desirable garden flower.

Fine Strong Plants for Spring Delivery, 15c. each. 2 for 25c.

# MUZZY BROTHERS

## ANNUAL SEED CATALOGUE

### FOR 1911

PRICES SUBJECT TO CHANGE

Muzzy Brothers give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

#### ARTICHOKE.

German, Artichoke; French, Artichaut; Spanish, Albachofa.

##### French Globe

Per. oz. 1 lb. Per lb.  
\$0 35 \$1 00 \$3 50

The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.

Jerusalem Artichoke, Tubers 3 lbs. by mail \$1 00 qt. 25cts., pk. \$1 00

#### ASPARAGUS

German, Spargel; French, Asperge; Spanish, Esparrago.

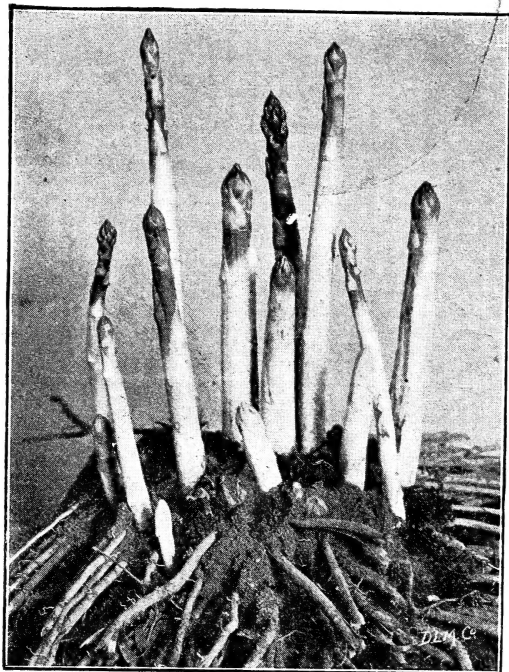
Per oz. 1 lb. Per lb.

Columbia, producing pure white shoots	\$0 10	\$0 20	\$0 60
Conover's Colossal	10	20	50
Palmetto, a light green variety	10	20	50
	Per 100	Per 1000	
Roots Colossal, 2 yrs.	\$0 90	\$6 00	
" Palmetto, " "	90	6 00	
" Columbia, " "	1 00	7 00	

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds, which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

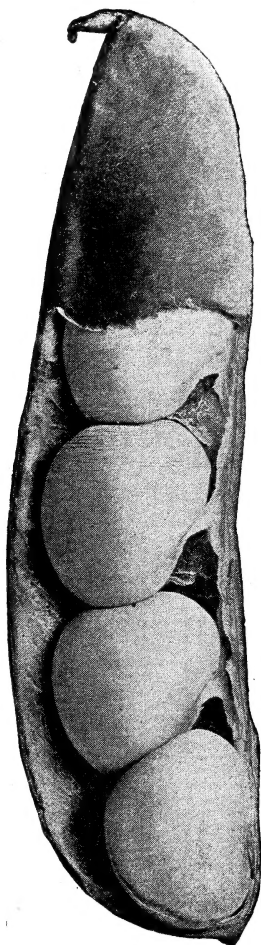
"Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of Corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use, set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other which will allow the use of a horse and cultivator to keep the weeds under.



ASPARAGUS.





FORDHOOK BUSH LIMA

**BEANS**

German, Gartenbohne; French, Fève de Marais; Spanish, Hava  
English or Broad

	Per pt.	Per peck
Early Mazagan, prolific, very early.....	\$0 35	\$1 50
Broad Windsor.....	30	1 50
Sword Long-Pod.....	25	1 25

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and two inches deep in drills four feet apart. To insure well-filled pods, pinch off the top as the lower pods begin to set.

**Dwarf Green Podded Snap Beans**

	Per qt.	½ pk.	pk.	bu.
Valentine, Black, long, round, green, solid pod, very early. (See Novelties).....	\$0 30	\$1 00	\$1 75	\$6 00
Valentine Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pods, brittle and stringless; a strong grower and good yielder.....	30	1 00	1 75	6 00
Valentine, Early. Productive, tender and of excellent flavor.....	25	85	1 50	5 00
Livingstone's Round Pod Six Weeks Bean.....	30	80	1 50	5 00
Muzzy's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than Valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive.....	35	1 25	2 00	7 00
Early Mohawk, very productive and of good quality.....	30	1 00	1 75	6 00
Long Yellow Six-Weeks, early, excellent variety for general crop.....	25	85	1 50	5 50
Fulmers Forcing, Fine dwarf forcing variety.....	30	50		
Extra Early Refugee, similar to late Refugee, pods two weeks earlier.....	25	85	1 50	5 50
Refugee or Thousand to One, very early and prolific. The pods are round and full, stringless and of fine quality.....	25	85	1 50	5 50
Burpee's Bush Lima, Beans are large as Large Pole Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans.....	35	1 25	2 00	7 50
Long White Kidney, excellent as a shell bean, green or ripe.....	25	85	1 50	5 50
Fordhook Bush Lima,..... pt. 30c.....	45	1 50	2 50	9 00
White Marrowfat, grown for sale in the dry state.....	25	85	1 50	5 50
Golden Refugee, pods round and light color.....	30	1 00	1 75	6 00

**Dwarf Wax Varieties**

Refugee Wax, Stringless, good for early or late, immense yielder.....	30	1 00	1 75	6 00
Golden Eyed Wax, very early, prolific, free from rust.....	30	1 00	1 75	6 00
Round Pod Kidney Wax, same as Wardell's only round pod.....	35	1 25	2 00	7 00
Wardell's Kidney Wax, extra early, long flat pods, very productive.....	30	1 00	1 75	6 50
Black Wax or Butter Improved, very early and prolific. The pods are round, full, stringless; of very fine quality.....	30	1 00	1 75	6 50
Davis' White Wax, beans pure white pods yellow, flat, tender, rich.....	30	1 00	1 75	6 50
Golden Wax, This valuable variety is about ten days earlier than the Black Wax, pods large, long semi-round, brittle, stringless.....	30	1 00	1 75	6 50
Yosemite Mammoth Wax, the largest pods of all wax varieties.....	60			

**BEANS-Dwarf Wax Varieties. Continued**

	Per. qt.	½pk.	pk.	bu.
<b>Hodson Wax</b> , very large, tender, pods stringless, very productive.....	\$0 30	\$1 00	\$1 75	\$6 00
<b>White Wax</b> , stringless, round pods, beans pure white, strong grower.....	60			

**BEANS, Pole or Running Varieties**

<b>Challenger Lima</b> . Potato variety, five and six in a pod.....	35	1 25	2 00	7 00
<b>King of Garden Lima</b> . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop.....	35	1 25	2 00	6 50
<b>New Early Jersey</b> , Very early.....	35	1 25	2 00	7 00
<b>Large White Lima</b> . A greatly esteemed variety.....	30	1 00	1 75	6 00
<b>Kentucky Wonder, or Old Homestead Extra Early</b> . Pods long tender and good flavor, very productive.....	35	1 25	2 00	6 50
<b>New Lazy Wife</b> . Long green pods, good quality, white beans.....	35	1 25	2 00	7 50
<b>Dutch Case Knife</b> . A very productive variety, one of the earliest.....	30	1 00	1 75	6 00
<b>Horticultural or Speckled Cranberry</b> . A popular variety for private use, equally serviceable in the green state or when shelled.....	35	1 25	2 00	6 50
<b>Scarlet Runner</b> . Beautiful scarlet flowers; for ornamental and table use.....	35	1 25	2 00	6 50
<b>Black Wax</b> . Pods long thick and fleshy, pale yellow color, waxy appearance, very productive and tender, excellent as a snap or shelled green.....	35	1 25	2 00	7 00
<b>Early Golden Cluster</b> . Bright yellow pods, stringless, in clusters.....	35	1 25	2 00	7 50
<b>Yard Long, French</b> . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea brush. Pkg. 25 cents Very scarce.				

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill; cover two inches or less; for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather: make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

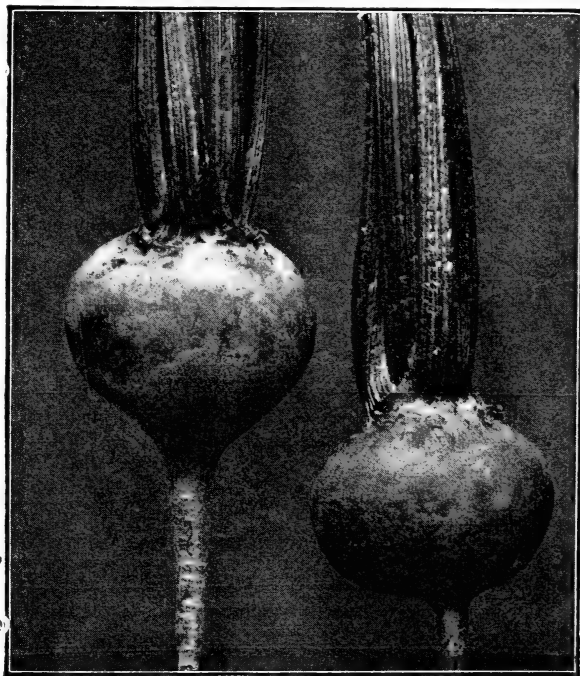
A quart of Limas is sufficient for 75 or 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

**BEETS**

German, Runkelrub; French, Bour-rache; Spanish, Remolacha.

**Detroit Dark Red**. A splendid beet for market or home use, of a deep color, tender and of delicate flavor. Per oz. 10c. ¼ lb. 25c. lb. 85c

**Dark Red Egyptian**. The earliest beet in cultivation, color deep crimson; of excellent quality. Per oz. 10c. ¼ lb. 25c. lb. 85c.



DETROIT DARK RED BEET

	Per oz.	¼lb.	Per lb.
<b>Extra Early Eclipse</b> . Very early good size.....	10	25	85
<b>Early Flat Bassano</b> . Chiefly valuable for its earliness.....	10	20	60
<b>Early Blood Turnip</b> . Standard early sort, an excellent variety.....	10	25	85
<b>Edmand</b> . Market garden variety, uniform shape, dark.....	10	25	85
<b>Dewing's Blood Turnip</b> . Of fine form and flavor.....	10	25	85
<b>Long Smooth Blood Red</b> . An excellent late variety.....	10	25	75
<b>Swiss Chard</b> . Used for its leaves, which are cooked as spinach.....	10	20	60

## BEETS. Continued

## MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

	Per oz.	¼ lb.	1 lb.
<b>Mammoth Red Mangel-Wurzel.</b> Producing roots of mammoth size, very regular, and with a small top. 10 lbs. and over 25cts. lb.	\$0 10	\$0 15	\$0 35
<b>Yellow Globe Mangel-Wurzel.</b> Roots Very large and globular. 10 lbs. 25c. lb.	10	15	40
<b>Long Yellow Mangel-Wurzel.</b> Good for general crop. 10 lbs. 25c. lb.	10	15	40
<b>Golden Tankard Mangel-Wurzel.</b> A new and very valuable variety of fine form and sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet. 10 lbs. 30c. lb.	10	15	40
<b>White Silesian Sugar Beet.</b> Extensively grown for feeding stock and manufacture of sugar.	10	15	35
<b>Vilmorin's Improved Sugar Beet.</b> An improved variety.	10	15	35
<b>Lane's Improved Sugar Beet.</b> Improved variety of the French Sugar Beet, obtained by careful selection in this country. 10 lb. 25c. lb.	10	15	35

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart, and two inches deep. For main crop sow the first week in May, and for Winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand, in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

## BORAGE

German, Borritsch; French, Bourrache; Spanish, Berraja.

	Per oz.	¼ lb.	1 lb.
<b>Borage</b> , used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower.	\$0 10	\$0 30	\$0 90

## BROCCOLI

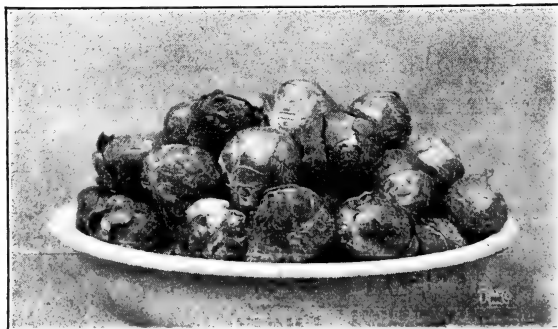
German, Spragel Kohl; French, Chou Brocoli. Spanish, Broculi.

	Per oz.	¼ lb.	1 lb.
<b>Early White</b> , heads medium size, compact, creamy white color, most certain to head.	\$0 30	\$0 85	\$3 00
<b>Purple Cape</b> , differing from the preceeding color, greenish purple.	35	1 00	3 50
<b>White Cape</b>	45	1 50	5 00
<b>Mammoth White</b>	35	1 00	3 50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this districts in the early part of May, and transplanted in June, farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

## BRUSSELS SPROUTS

German, Sprossen-Kohl; French, Chou de Bruxells, Spanish, Breza de Brusels.



**Improved Seed.** (French) half dwarf oz. 20c. ¼ lb. 50c. lb. \$1 50

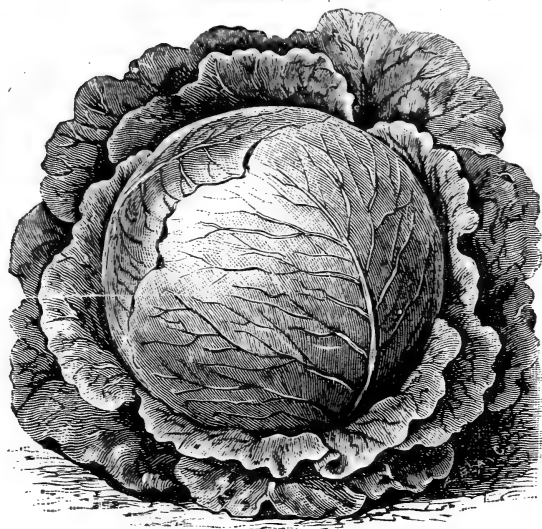
**Dalkeith Dwarf Improved**, a variety producing compact sprouts of excellent quality. oz. 20c. ¼ lb. 50c. lb. \$1 50

A tender delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves, which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May, transplant and cultivate like cabbage.



## CABBAGE

German, Kopfkohl; French, Chou; Spanish, Berza de repollo



DANISH BALL-HEAD

	Per oz.	½lb.	1lb.
<b>All Seasons</b> , fine variety, for second early or late growing good size	\$0 20	\$0 60	\$2 00
<b>Early Jersey Wakefield</b> The leading variety for market, very early of medium size, good quality, sure to head.	25	75	2 50
<b>Early Flat Dutch</b> , This is one of the best early cabbages in cultivation	20	60	2 00
<b>Early Summer</b> . A valuable early sort resembling the Early Flat Dutch	20	60	2 00
<b>Early Winnigstadt</b> . Heads large, one of the best for general use.	25	75	2 25
<b>Fottler's Improved Brunswick</b> . This is the very fine second early variety	20	60	2 00
<b>Henderson's Succession</b> . A second early and late variety, a sure header heads; seeds sown in March produce large heads in June	25	75	2 50
<b>MUZZY EXTRA AMAGAR DANISH BALL-HEAD</b> . Large, round, solid sweet and crisp, sure header. (See Novelties)	35	1 00	3 50
<b>Large Late Drumhead</b> . An excellent fall and winter variety, grows to a large size	20	60	2 00
<b>Large Late Flat Dutch</b> . The most popular variety for late cultivation	20	60	2 00
<b>Red Stone Head</b> . Used almost exclusively for pickling	25	75	2 50
<b>Drumhead Savoy (American)</b> . The largest heading sort, of excellent flavor	20	60	2 00
<b>MUZZY IMPROVED AMAGAR DANISH ROUND HEAD</b> . (See Novelties)	35	1 00	3 50

For very early use plant in the autumn, from 10th. to 25th. September, in a seed-bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hotbed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

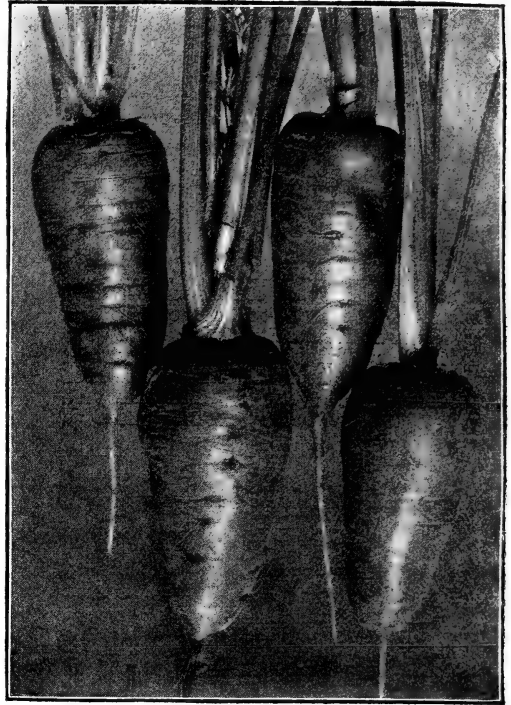
## CARROT

German, Moehren; French, Carotte; Spanish, Zanah.

	Per oz.	½lb.	1lb.
<b>Early French Forcing</b> . The earliest variety, valuable for forcing; root small and of fine flavor	\$0 15	\$0 40	\$1 25
<b>Early Round Parisian</b> . Small for frames or open ground	15	40	1 25
<b>Earley Scarlet Horn</b> . Old and favorite sort, much esteemed for early summer	10	30	90
<b>Half Long Danvers</b> . A variety intermediate in size and period of maturity between the preceding and the Long Orange	10	25	80
<b>Half Long Stump Rooted Chantenay</b> . Like Nantes, broader shoulder	10	25	80
<b>Half Long Pointed</b>	10	30	1 00
<b>Half Long Stump Guarande or Oxheart</b>	10	30	1 00
<b>Half Long Stump Nantes</b>	10	30	1 00
<b>Carentan</b> . A new early variety without core. It is an excellent sort for forcing, or used as an early kind for planting in the open ground	15	30	1 00
<b>Long Orange Improved</b> . Roots of large size, equally adapted for garden or farm culture	10	20	70
<b>Large White Belgian</b> . Grown almost exclusively for stock	10	20	60

## CARROT—Continued.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground, as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.



## CELERIAC



## TURNIP ROOTED CELERY

German, Knob-Celeri; French Celeri Rave.

**Erfurt.** For soups. oz. 25c. 1lb. 75 c. 1b. \$2 50

**Giant Prague.** For soups, etc. When sliced and cooked makes good winter salad. oz. 25c. 1lb. 75c. \$2 50

**Apple.** Small foliage. oz. 25c. 1lb. 75c. 1b. \$2 50

CELERIAC

DANVERS CARROT

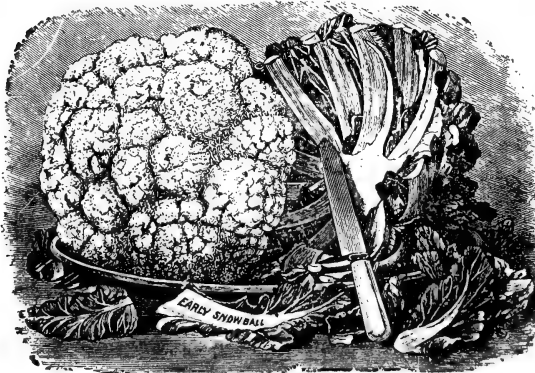
## CAULIFLOWER

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor;

	Per pkt.	oz.	1lb.	1b.
<b>Extra Early Dwarf Erfurt.</b> Short stem; fine	\$0 25	\$2 25		
<b>Extra Early Paris.</b> This is one of the earliest and best varieties, heads large, white and compact, of fine quality	10	60	\$1 75	\$6 00
<b>Early Snowball.</b> Admirably for forcing, very solid, pure white heads.	25	2 25		
<b>Large Early Dwarf Erfurt.</b> The earliest and best of all varieties	50	5 00		
<b>Lenormand's Short-Stemmed.</b> A late variety, producing very large well-formed heads of superior quality.	10	60	1 75	6 00
<b>Algiers.</b> Popular late variety, sure to head, excellent for market	10	60	1 75	6 00
<b>Early London.</b>	05	35	1 00	3 00

**DENMARK, Special Large Late.** Very fine variety, large white compact heads, necessary that distance between plants be greater than other varieties. Pkt. 20c. oz. \$1 00 1lb. \$2 00. (See novelties.)

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.



SNOWBALL CAULIFLOWER

**CELERY**

German, Celerit; French, Celerei; Spanish, Apih.

	Per oz.	1lb.	1b.
Johnson's Manhattan.....pkt. 15 cts.	\$0 50	\$1 25	
Thorburn's Fin de Siecle .....	20	60	\$2 00
Rose Ribbed Self Blanching. A sort of golden Self-Blanching; very choice.....	35	1 00	3 00
Evans' New Triumph. Solid and crisp, fine nutty flavor.....	20	55	1 75
Giant Pascal. Stalks very large, thick and crisp.....	20	60	2 00
Golden Self-Blanching. Similar to White Plume much larger in growth....	45	1 50	4 50
Large Ribbed Kalamazoo. Half dwarf White, solid.....	20	60	2 00
White Plume. Requires very little banking .....	35	1 00	3 00
Pink Plume. Similar to White Plume, stalks tinged with pink, good keeper.....	25	75	2 50
Perle Le Grande. Full Golden Heart, good keeper.....	20	60	2 00
Sandringham Dwarf White, Soup Celery. An imported variety of fine flav. or: soup greens.....	20	60	2 00
Boston Market. An excellent dwarf, growing white variety.....	20	50	1 75
Covent Garden Rose. Pink variety, good flavor.....	25	75	2 50
Celery Seed for Flavoring.....	05	10	35

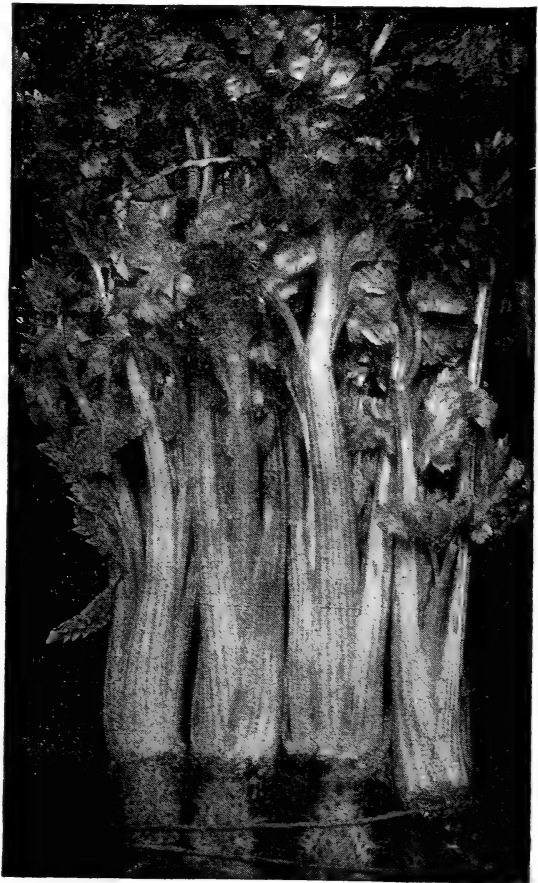
The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which there-by loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

**CHERVIL**

German, Bisenlauch; French, Cerfeuil; Spanish, Cerafolio

	Per oz.	1lb.	1b.
Curled .....	\$0 10	\$0 30	\$1 00
Common or Tuberous			
Rooted .....	10	25	75

The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.



MANHATTAN CELERY

**CHICORY**

German, Chicorie; French, Chicoree Saur; Spanish, Escorola.

Per oz. ¼lb. 1lb.

**Common.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots which will come up soon from the "Barbe de Capucin."

\$0 20 \$ 50 \$1 50

**Large Rooted.** Used to mix with or a substitute for coffee. Cultivation same as the carrot.

10 25 80

**Witloof or French Endive.** See endive.

15 40 1 25

**CRESS**

German, Kress; French, Cressen; Spanish, Mastueroz.

**Curled Cress or Peppergrass**

10 20 50

**Water Cress**

35 1 15 3 50

Are excellent for small salads; the leaves while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as Mustard.



WITLOOF CHICORY

**CORN SALAD OR FETTICUS**

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla



CORN SALAD

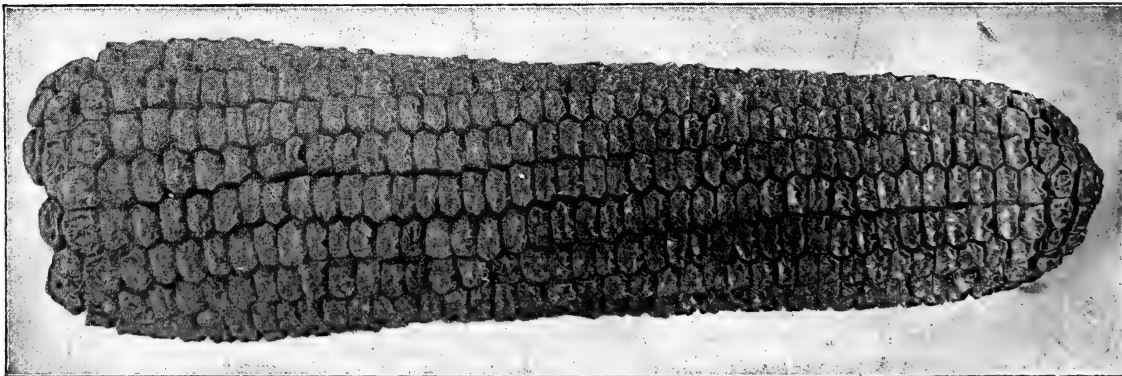
**Large Seeded**  
**Lettuce Leaved**  
**Small Seeded**

Per oz. ¼lb. 1lb.  
\$0 10 \$0 25 \$0 75  
10 30 85  
10 25 75

Corn Salad, Feticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

**CORN—SWEET**

German, Zucker Welshkorn; French, Maise de Sucre; Spanish, Maiz de Azucar.



FOUTERS EARLY SWEET CORN

CORN—Continued.

EXTRA EARLY VARIETIES

	Per ear	100 ears	qt.	1pk.	pk.	bu.
			\$0 35	\$1 25	\$2 00	\$7 00
<b>Golden-Bantam Extra Earley.</b> Yellow, very sweet and tender						
<b>Early White Cory.</b> Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs.	\$0 05	\$3 50	25	75	1 25	4 50
<b>Mammoth White Cory.</b> Ears double size of the old Cory			25	75	1 25	4 50
<b>Perry's Hybrid.</b> Very early and of large size; extra early	05	3 50	25	75	1 25	4 50
<b>Early Minnesota.</b> Very early; ears fairly sized and uniform, plants rather dwarf; one of the best early kinds; extra early	05	3 50	25	75	1 25	4 50

SECOND EARLY OR INTERMEDIATE

<b>Early Champion.</b> Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use	05	3 75	25	75	1 25	4 50
<b>Earley Mammoth.</b> Large and not very late; general crop.	05	3 50	25	75	1 25	4 00
<b>Crosby's Early Sugar.</b> Early sorts; ears short, from 12 to 16 rows, second early.	05	3 75	25	75	1 25	4 00
<b>Moore's Early Concord.</b> Ears large and well filled from 12 to 20 rows; second early	05	4 00	25	75	1 25	4 50
<b>Early Evergreen.</b> A second early variety, resembling Evergreen; general crop	05	3 75	25	75	1 25	4 00
<b>Stablers Early.</b> Large and for second early	05	4 00	25	75	1 25	4 00
<b>Foltiers Early.</b> Excellent, medium early, large size, sweet	05	4 00	25	75	1 25	4 00

GENERAL CROP AND LATE

<b>Stowell's Evergreen.</b> A late variety, of excellent quality, remaining longer in the green state than any other; general crop	05	4 00	25	75	1 00	3 50
<b>Hickox Improved.</b> A new variety of superior excellence is 12 rowed, straight and handsome; a superior market kind; general crop	05	4 00	25	75	1 25	4 50
<b>Mammoth Sugar.</b> A late variety of large size, very sweet and immensely productive. A leading variety.	05	4 00	25	75	1 00	3 50
<b>Country Gentleman.</b> The sweetest and most tender of all sweet corn, late crop	05	4 00	25	75	1 25	4 50
<b>Moonachi or Sugar.</b> Tender, sweet and productive; general crop	05	4 00	25	85	1 50	4 50
<b>Sweet Fodder.</b> For ensilage			20	60	1 00	3 00

Sweet Corn may be either sown in rows, four and a half feet apart, and the seeds planted at about eight inches in rows, or planted in the hills, at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or the richer the soil, the greater should be the distances apart. The first plantings in this vicinity are made about the middle of May, and successive plantings every two or three weeks until the first week in July. In more southern latitudes planting is begun a month earlier and continues a month later.

FIELD CORN

	Qt. shelled	Per 100 ears	Bush. shelled
<b>Mastodon Dent.</b> Very early, strong growing	\$0 20	\$2 50	\$2 50
<b>Pride of the North.</b> (Dent) very early	15	2 00	2 00
<b>Lanning's Yellow.</b> (Dent) early	15	2 00	2 00
<b>Champion White Pearl</b>	15	2 00	2 00
<b>Early Canada.</b> Yellow kernels	20	2 00	2 50
<b>Large Yellow Flint</b>	20	2 00	2 25
<b>Large White Flint</b>	20	2 00	2 25
<b>Chester County Mammoth.</b> Large, late yellow dent	20	2 50	2 50
<b>Southern Horse Tooth.</b> For fodder		(Market price)	
<b>Sweet Fodder</b>	20		3 00
<b>Pop Corn</b>	Per lb, 8c. 100 lbs. \$4 50		

## CUCUMBER

German, Gurken; French, Concombre; Spanish, Pepino.

	Per oz.	1 lb.	1 lb.
<b>Cumberland.</b> The best pickling sort yet introduced, very handsome and productive, flesh fine but very crisp and tender.....	\$0 15	\$0 35	\$1 25
<b>Fordhook Pickling.</b> Prolific, medium size, skin thick.....	15	35	1 25
<b>Davis Perfect.</b> For forcing or outdoors, long and straight, valuable for slicing.....	20	50	1 50
<b>Cool and Crisp.</b> Very prolific; good for pickling and productive.....	15	35	1 25
<b>Thorburn's Everbearing.</b> Small size; very early.....	15	35	1 25
<b>Japanese Climbing.</b> Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor.....	20	50	1 50
<b>Nichols Medium Green.</b> A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green fresh, tender and crisp.....	10	30	1 00
<b>Improved Early White Spine.</b> The best table variety; grows uniformly straight and smooth; dark green; tender and excellent flavored.....	15	35	1 25
<b>Peerless White Spine.</b> A new variety of the preceeding; average length 10 inches; full at both ends; deep green, holding color until mature.....	15	35	1 25
<b>Tailbys Hybrid.</b> A cross between the Early White Spine and the English Frame variety, combining the hardness of the first with the beauty and size of the latter.....	15	35	1 25
<b>Early Green Cluster.</b> A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.....	15	35	1 15
<b>Early Short Green.</b> The standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well.....	15	35	1 25
<b>Long Green.</b> A very excellent variety; a good bearer; about a foot in length rather pointed at both ends; dark green, firm and crisp.....	20	50	1 50
<b>Green Prolific Pickling.</b> Very prolific, and said by those who have tested it equally desirable as a market Cucumber.....	15	35	1 25
<b>West Indian Gerkin or Burr.</b> A very small oval-shaped prickly variety. It is grown exclusively for pickling, and should always be pickled when young and tender.....	20	55	1 75



DAVIS PERFECT CUCUMBER

Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelfull of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.

**English Frame Cucumber.**—Per pkt. 25c. Improved Sion House, Telegraph, Giant of Arnstadt, Duke of Edinburgh, Gen. Grant, Long Gun, Crater's Tender and True, Swan Neck, Blue Gown.

These varieties are for growing in hot-beds, or in hot-houses particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerative. Sow seeds in November,

December or January, according to the time they are wanted for market.

**DANDELION**

German: Pardelblume; French, Pisse en-lit; Spanish, Armagon.

	Per oz.	½lb.	1lb.
Thick Leaved .....	\$0 35	\$1 09	\$3 00
Best French .....	20.	60	2 00
Montmagny .....	35	1 00	3 50

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.



DANDELION

**ENDIVE OR CHICORY**

German, Endevien; French, Chicoree; Spanish, Endivia.

	Per oz.	½lb.	1lb.
Green Curled Winter. Very hardy; leaves dark green tender and crisp .....	\$0 15	\$0 30	\$1 00
Broad-Leaved Batavian. (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching .....	15	30	1 00
Early White Curled. (Self Blanching), the best variety; grows to a large size; very large and tender .....	15	30	1 00
Msos Curled Early Summer. Used for salads as winter varieties .....	15	30	1 00
Witloff or French Endive. New .....	15	40	1 25



GREEN CURLED ENDIVE

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the light and air.

**EGG PLANT**

German, Eier Pflanz; French, Aubergine; Spanish, Bereinfiena.

	Per oz.	½lb.	1lb.
Pearl White. Very fine grain and well flavored .....	\$0 25	\$0 75	\$2 50
New York Improved. Superior market variety of large size and fine quality .....	35	1 00	3 50
Black Beauty Tendage. Earlier than New York Improved and as large, purplish black .....	45	1 50	4 50
Early Dwarf Purple. Medium size .....	30	85	3 00
Black Pekin. A fine variety, bearing large round, deep purple fruits, fine grained and of superior quality .....	30	85	3 00

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hotbeds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart,



NEW YORK EGG PLANT

**SEA-KALE**

German, Seekohl; French, Crambe Maritime; Spanish, Berton de Mar.

**Sea-Kale Seeds.** Very much like Celery .....

Per oz.	25c.	½lb.	75c.	1lb.	\$2 50
---------	------	------	------	------	--------

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart, three plants in each.



**KALE**

German, Blatter-Kohl: French, Chou Vert; Spanish, Breton.

Per oz. ¼lb. 1lb.

**Siberian German Greens or "Sprouts,"** This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach: it is ready for use in early spring. Sowing can also be made in spring.

**Dwarf Green Curled Scotch.** A beautifully fringed, dwarf growing kind, with bright green leaves.

**Tall Green Curled Scotch.** Tall growing, very hardy variety leaves a bright green, beautifully curled.

**Tall Brown German Curled.** A very hardy and useful variety.

**Dwarf Brown German Curled.**

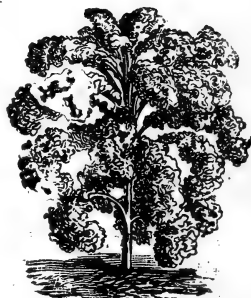
\$0 10 \$0 20 \$0 60

10 25 75

10 30 85

10 30 1 00

10 25 75

**KALE**

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

**EARLY VIENNA,  
KOHL-RABI****KOHL-RABI**

German, Kohl Rabi: French, Chou Rave; Spanish, Colinabo.

Per oz. ¼lb. 1lb.

**Early White Vienna.** Flesh white and tender: best market sort; good for table use.

\$0 20 \$0 60 \$2 00

**Early Purple Vienna.** Differing from the above in color, which is of a bluish purple.

20 60 2 00

**Large White or Green.** Large ball not so fine, but more productive.

10 30 1 00

Kohl-Rabi or Turnip stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip; and is very delicate and tender when young. It is very hardy, withstands severe draught, and is a good keeper. Cultivate the same as Cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

...serves to be. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip; and is very delicate and tender when young. It is very hardy, withstands severe draught, and is a good keeper. Cultivate the same as Cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

**LEEK**

German, Lauch: French, Poireau; Spanish, Puerro.

Per oz. ¼lb. 1lb.

**Large American Flag.**

The kind mostly grown for market.

\$0 10 \$0 30 \$1 00

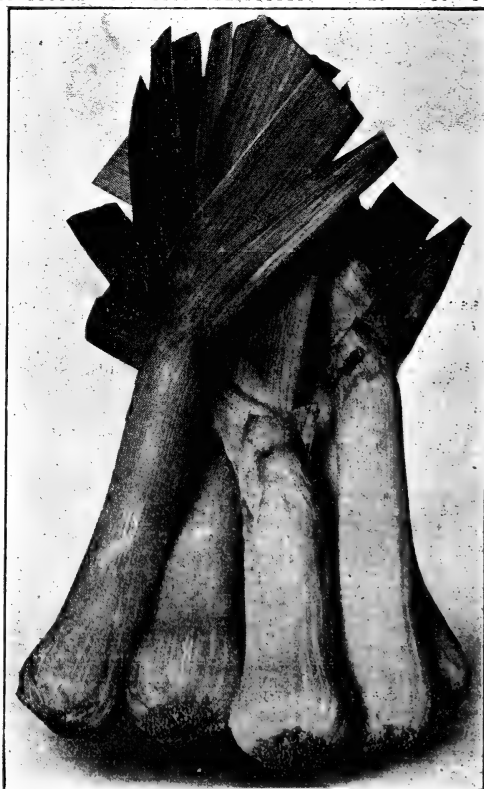
**Large Carenten.** A large growing French variety of excellent quality.

10 30 1 00

**Large Rouen.** Very large and fine.

10 30 1 00

The Leek is very hardy and easily cultivated: it succeeds best in a light, but well enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible: that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.

**AMERICAN FLAG LEEK**



## LETTUCE

German, Laitick; French, Laitue; Spanish, Lechuga.



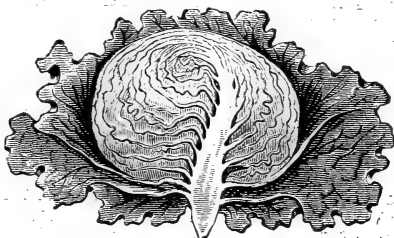
WHITE PARIS COS.

	Per oz.	1lb.	1b.
<b>MAY KING LETTUCE.</b> Very early, sure header, solid, good flavor (See Novelties)	\$0 15	\$0 35	\$1 25
<b>The Holyroad Hot Weather Lettuce</b>	40	1 25	
<b>Thorburn's Market Garden.</b> Private stock solid, large heads.	15	35	1 25
<b>Thorburn's Maximum.</b> Large and solid heads, heat resisting.	20	50	1 50
<b>Selected Buttercup.</b> Yellow, solid heads for outdoor forcing.	20	50	1 50
<b>Big Boston.</b> Similar to Boston Market, double this size.	20	50	1 50
<b>Grand Rapids Forcing.</b> Large, tender heads	15	35	1 25
<b>Early Curled Simpson.</b> Very early and an excellent sort for forcing; is largely grown by the market gardeners.	10	30	1 00
<b>American Gathering.</b> Twisted and curled leaves, fine for early or late	15	25	1 25
<b>Deacon.</b> This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich flavor	15	35	1 25
<b>Denver Market.</b> For forcing or open ground: large solid heads	15	35	1 25
<b>Tennis Ball.</b> (Black seeded), well formed heads hardy and crisp, one of the earliest of heading varieties.	15	35	1 25
<b>Tennis Ball, or Boston.</b> (White seeded), grows very compact, white and crisp, one of the best for forcing or the open ground.	15	35	1 25
<b>Salamander Head.</b> Fine compact head, resists heat.	15	35	1 25
<b>Black-Seeded Butter.</b> Fine market strain	20	50	1 50
<b>Large White Cabbage.</b> Excellent for summer: heads of good size	15	35	1 25
<b>Black Seeded Simpson.</b> Stands the summer well	15	35	1 25
<b>Gray Seeded Butter.</b> One of the best large heads	20	50	1 50
<b>Shotwell's Brown Head.</b> Large and handsome: heads hardy: standing summer heat without injury	20	50	1 50
<b>Boston Market.</b> Large solid heads, very fine for forcing, and of fine flavor	20	50	1 50

## ROMAINE OR COS VARIETIES

<b>Trion Cos.</b> The best of the Cos variety	20	50	1 50
<b>White Paris Cos (Romaine).</b> Sow early: tie up to blanch	20	50	1 50
<b>Golden Yellow Cos.</b> Long standing, large solid heads, crisp and tender.	20	60	2 00

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.



LARGE WHITE CABBAGE LETTUCE

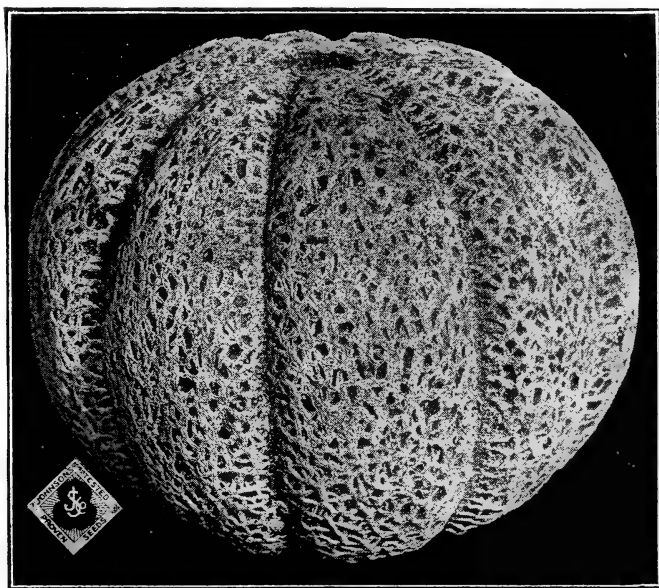
## MELON, MUSK

German, Melone; French, Melon; Spanish, Melon Muscatel.

	Per oz.	1lb.	1b.
<b>POLLOCK.</b> (See Novelties.)	\$0 25	\$0 60	\$2 00
<b>Johnson's Dreamwold.</b>	Pkt. 10c.	30	75
<b>Paul Rose.</b> Handsome, oval orange flesh, sweet	15	35	1 25
<b>Long Island Beauty.</b> Similar to Hackensack; very early	20	50	1 50
<b>Millers Cream or Osage.</b> Flesh a salmon color and very thick	20	50	1 50

## MELON. MUSK—Continued

	Per oz.	¼lb.	1lb.
	\$0 20	\$0 50	\$1 50
<b>Golden Netted Gem.</b> Early, round, small, fine flavor.....			
<b>Hackensack.</b> Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor.....	15	35	1 00
<b>Montreal Market.</b> Green flesh, very thick; fine flavor.....	20	50	1 50
<b>Long Yellow Cantalope.</b> Yellow flesh, suitable for the market.....	15	35	1 00
<b>Baltimore Market.</b> Oblong; orange flesh.....	20	50	1 50
<b>Jennie Lind.</b> A very early kind, of small size, but delicious flavor.....	15	35	1 25
<b>White Japan.</b> Size medium and nearly round; skin cream white and very thin; flesh pale green; early and sweet.....	20	60	2 00
<b>Rocky Ford.</b> Very sweet; spicy flavored, small and oblong, most popular sort.....	15	35	1 00



DREAMWOLD MUSK MELON

Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up; thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously, thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

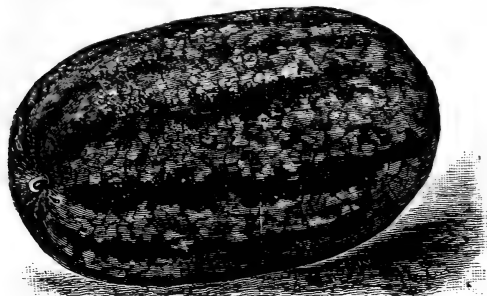
## MELON, WATER

German, Wassermelone; French, Melon d' Eau; Spanish, Zaudia.

	Per oz.	¼lb.	1lb.
	\$0 10	\$0 25	\$0 75
<b>Kolb's Gem.</b> Nearly round, dark green.....	10	20	60
<b>Seminole.</b> A new early variety. Long striped sort.....	10	25	75
<b>Pride of Georgia.</b> Dark green, oval in shape; crisp and sweet; very large.....	10	25	75
<b>Mountain sweet.</b> One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious.....	10	25	75
<b>Black Spanish.</b> Shape round, rather small; skin dark green flesh red, sweet, rich.....	10	25	75
<b>Phinney's Early.</b> Flesh deep red, of a very superior quality; a valuable early market variety.....	10	25	75
<b>Cuban Queen.</b> Solid and heavy.....	15	35	1 00
<b>Ice Cream.</b> (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid, crisp, excellent.....	10	25	75

## MELON, WATER—Continued

	Per oz.	1/4 lb.	1 lb.
Rattlesnake. Very large, striped, red flesh variety.....	\$ 10	\$0 25	\$0 75
Mammoth Iron clad. Long and large; thin skin, deep red flesh.....	10	25	75
The "Boss". Oblong; dark green.....	15	35	1 25
Citron. (Red seeded), round handsome fruit of small size, and used in the making of sweetmeats and preserves.....	15	35	1 00
Citron. (Green Seeded). Used for preserves.....	10	25	75



IRON CLAD

Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

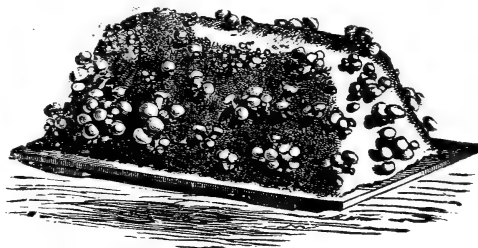
## MUSHROOMS

German., Chimpignoubrut; French, Champignon; Spanish, Hongo.

Imported English Spawn.....	15c. per lb.	10 lbs. \$1 00	100 lbs. \$9 00
Imported French Spawn.....	30c. per lb.	10 lbs. \$2 50	

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.



MUSHROOMS.

## MUSTARD

German, Senf; French, Moutarde; Spanish, Mostaga.

	Per oz.	1/4 lb.	1 lb.
White London. Best of salads.....	\$0 05	\$0 10	\$0 25
Black. Used for cooking and salads.....	05	10	25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

## NASTURTIUM

German, Nastrutian; French, Capusine; Spanish, Maranuela.

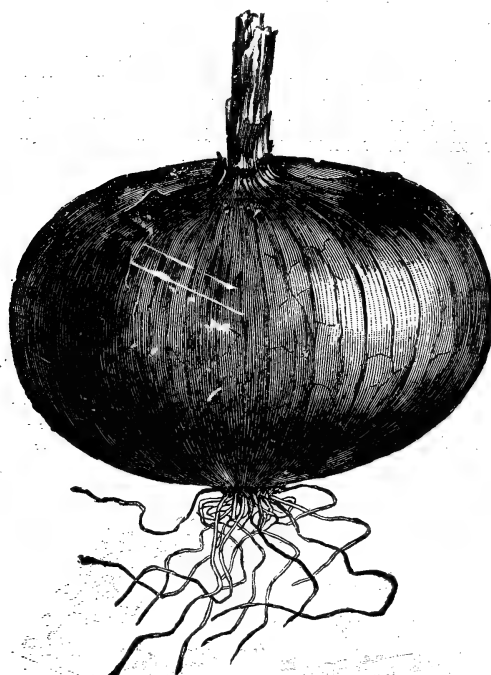
	Per oz.	1/4 lb.	1 lb.
Tall Scarlet.....	\$0 10	\$0 25	\$0 75
Tall Yellow.....	15	40	1 25
Tall Nasturtium, Mixed.....	10	25	75
Dwarf Nasturtian, Mixed.....	10	35	1 00

## NASTURTIUM—Continued

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers, which appear freely all summer, add a charm to the garden.

## ONION

German, Zwiebel; French, Oignon; Spanish; Cebolla



YELLOW DANISH ONION

	Per oz.	4lb.	lb.
<b>Early Red Flat.</b> About ten days earlier than the Large Red, and not quite so large	\$0 20	\$0 50	\$1 75
<b>Large Red Wethersfield.</b> The staple variety of the Eastern onion growers; of large size deep in color, a good keeper	20	50	1 75
<b>Yellow Globe Danvers.</b> An excellent variety, mild flavor and very productive; ripens early and a good keeper	15	40	1 25
<b>Prizetaker or Early Globe Spanish.</b> Immense size	20	50	1 75
<b>White Portugal or Silver Skin</b> A handsome onion of mild flavor; extensively grown for pickling	30	80	2 50
<b>Southport Red Globe.</b> Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular	20	50	1 75
<b>Southport White Globe.</b> Form nearly ovoidsymmetrical, keeps well is an excellent variety.	30	80	2 50
<b>Southport Yellow Globe.</b> Same as above, except in color	20	50	1 50
<b>White Flat Bermuda.</b> Very early	30	80	2 50
<b>Red Flat Bermuda.</b> Very early	30	80	2 50

## ITALIAN VARIETIES

<b>Adriatic Barletta.</b> White, new variety, fully two weeks earlier than the Queen	20	60	2 00
<b>Early Queen.</b> Excellent variety, very early, a good keeper and mild flavor white	20	50	1 75
<b>Giant Rocca.</b> A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor	20	60	2 00

The onion thrives best in a rather strong, deep, rich, loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

## ONION SETS

	Per qt.	4pk.	pk.	bu.
<b>White Onion Sets</b>	\$0 20	\$0 60	\$1 00	\$3 00
<b>Yellow Onion Sets</b>	15	50	85	2 50
<b>Red Onion Sets</b>	15	50	85	2 50
<b>Potato Onions</b>	25	75	1 25	4 00
<b>Shallots</b>	25	75	1 25	4 00
<b>Red Top Onions</b>	25	75	1 25	

## OKRA OR GUMBO

German, Essbarer Safran; French, Gomo, Spanish, Quibombo.



DWARF GREEN OKRA

	Per oz.	¼lb.	lb.
<b>Improved Dwarf White.</b> Long slender pods, very productive only 14 in. high	\$0 10	\$0 20	\$0 50
<b>Dwarf Green.</b> Early and productive	10	20	50
<b>Long Green.</b> Fine long pods; very good	10	20	50

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

## PARSNIPS

Germ n, Pastinake; French, Panals; Spanish, Chirivia

	Per oz.	¼lb.	lb.
<b>Guernsey or Cup.</b> Leading variety	\$0 10	\$0 20	\$0 60
<b>Long Smooth or Hollow Crown.</b> Long roots	10	20	60
<b>Early Round.</b>	10	25	75

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

## PARSLEY

German, Petersilie; French, Persil; Spanish, Perjil.

	Per oz.	¼lb.	lb.
<b>Extra Double Curled.</b> A fine dwarf variety excellent for garnishing	\$0 10	\$0 20	\$0 60
<b>Fern Leaves.</b> The most beautiful form of parsley, resembling crested fern or moss in its growth	10	25	75
<b>Plain Leaves.</b> Hardier than the curled variety	10	20	50
<b>Moss Curled.</b>	10	20	60
<b>Hamburg, or Rooted.</b> Edible roots	15	35	1 00

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.



MOSS CURLED PARSLEY

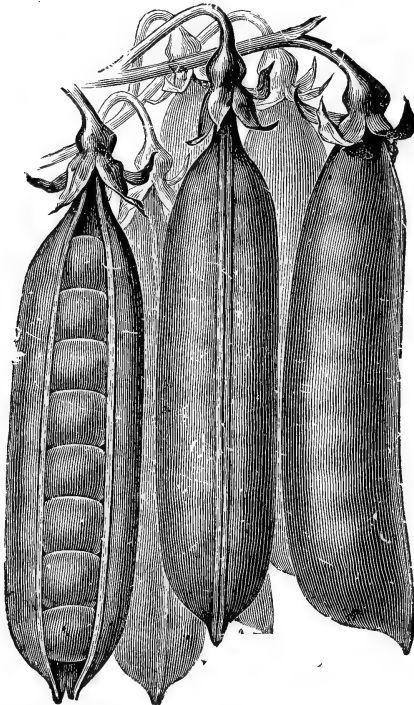
## PEAS

German, Erbse; French, Pois; Spanish, Guisantes.

### EXTRA EARLY VARIETIES

	Per qt.	½pk.	pk.
<b>Primo.</b> Very early, cross between Gradus and Early William. Pods same as Gradus but with this advantage, much more prolific and harder.	25c	pk.	
<b>Gradus or Prosperity.</b> Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large Peas and pods, splendid flavor. Requires no sticks reaching only 36 inches in ordinary good soil. Height, 3 feet	\$0 55	\$2 00	\$3 50

## PEAS—Continued



DWARF TELEPHONE

	Per, qt.	½pk.	pk.
<b>Nott's Excelsior.</b> Extra early dwarf wrinkled, pods larger than American Wonder, 1 foot	\$0 45	\$1 50	\$2 75
<b>American Wonder.</b> Earliest wrinkled variety, 1½ feet.....	45	1 50	2 50
<b>Alaska.</b> Very early and retain their color well, height 2½ feet	35	1 25	2 00
<b>First and Best.</b> One of the very best extra early Peas. An improved strain of the Extra Early Market, height 2½ ft.	25	1 25	2 00
<b>Little Gem.</b> A dwarf green wrinkled, Market, very prolific, of superior flavor, and a first early; 1½ feet.....	40	1 35	2 25
<b>Premium Gem.</b> A fine flavored dwarf, wrinkled variety: good cropper and fine quality. Height 18 inches.....	40	1 35	2 25

## SECOND EARLY VARIETIES

<b>Heronine Medium Early.</b> Green wrinkled, height 2½ feet.....	45	1 50	2 50
<b>Everbearing.</b> good size pea, long pod, height 2½ feet.....	35	1 30	2 25
<b>McLean's Advancer.</b> Early green wrinkled varieties, delicious flavor, height 2½ feet..	40	1 35	2 25

<b>Pride of The Market.</b> Very large pods, green peas, sow thin, height 2 feet	40	1 35	2 25
<b>Yorkshire Hero.</b> Or Dwarf Champion.....	35	1 25	2 00
<b>Abundance.</b> 18 inches high, 6 to 8 peas in a pod, large and wrinkled.....	40	1 35	2 25
<b>Dwarf Telephone.</b> Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and very sweet.....(very scarce).....	40	1 35	2 25

## GENERAL CROP

<b>Champion of England.</b> A popular wrinkled variety of delicious flavor: profuse bearer. Peas are very large, tender, height 5 feet.....	35	1 25	2 25
<b>Telephone.</b> This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality, Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet.....	50	1 50	2 50
<b>Stratagem.</b> Mammoth pods, well filled, height 1½ feet.....	50	1 75	3 25
<b>Black-Eyed Marrowfat.</b> Grown for market, hardy, productive, 3 ft. bu. \$5 00	25	85	1 50
<b>White Marrowfat.</b> An old favorite sort for market, 4 ft. Per bu. \$5 00...	25	85	1 50
<b>Tall Sugar.</b> Edible pods, a fine flavored variety, can be used in the green state like string beans. Height 5 feet. Per bu. \$10 00.....	50	1 75	3 00
<b>Dwarf, Sugar.</b> Edible pods, Per bu. \$7 00.....	35	1 25	2 00

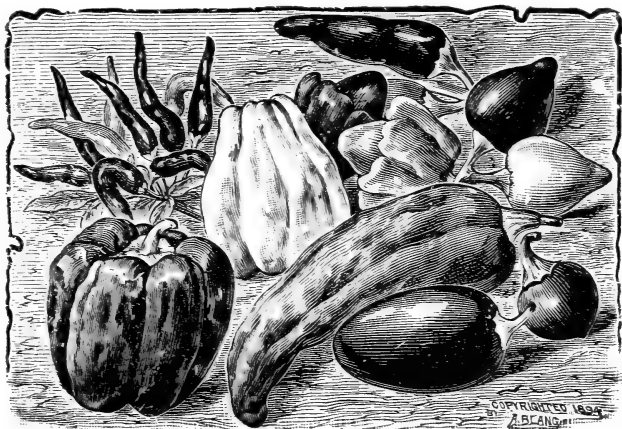
Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves of leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities, for private use, they

## PEAS—Continued.

are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by bush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

## PEPPER

German, Pfeffer; French, Piment; Spanish, Pimiento



## PEPPERS

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
<b>Ruby King.</b> Very large; bright red.....	\$0 25	\$0 65	2 25
<b>Sweet Spanish.</b> One of the largest. Best for salads, very hot.....	25	65	2 25
<b>Large Bell or Bull Nose.</b> An early variety of mild flavor.....	25	75	2 50
<b>Sweet Mountain or Mammoth.</b> of large size, best for mangoes.....	25	65	2 25
<b>Chinese Giant.</b> Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer.....	40	1 25	4 00
<b>Long Red Cayenne.</b> Used for Pepper, sauces very pungent.....	25	75	2 50
<b>Long Yellow Cayenne.</b> Similar to Long Red, except in color.....	30	80	3 00
<b>Golden Queen Mammoth.</b> Large, golden, yellow, early.....	25	75	2 50
<b>Chili.</b> Very piquant and prolific, fruit conical, bright scarlet.....	25	65	2 25
<b>Golden Dawn Mango.</b> This is a remarkably prolific Pepper of the Bell class of a magnificent golden color.....	25	75	2 50

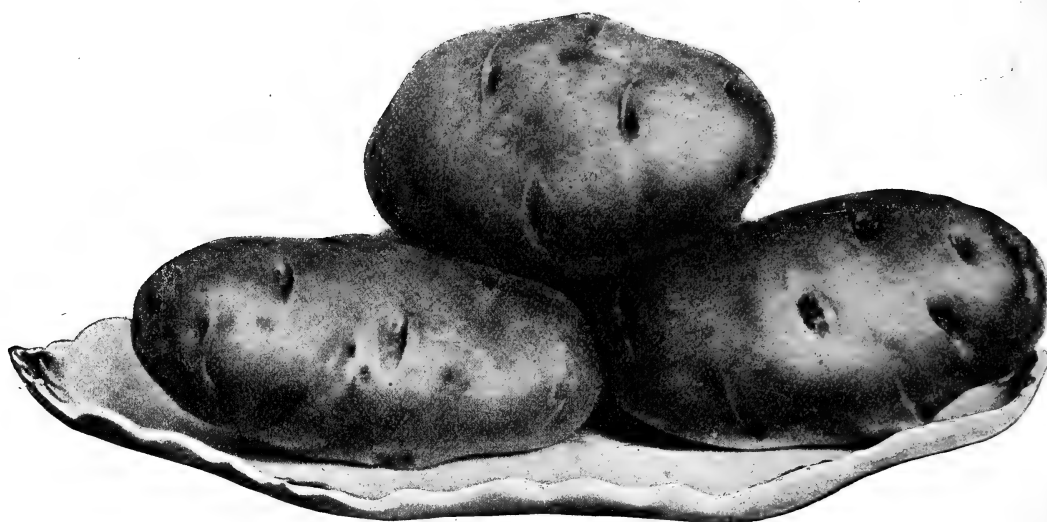
The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

## POTATOES

German, Kartoffel; French, Pomme de Terre; Spanish, Petata

<b>Houlton Extra Sunlight.</b> New. Very early, good yielder.....	}	Prices on application
<b>Noroton Beauty.</b> Extra early sort, very productive, uniform round shape.....		
<b>Houlton Hebron.</b> White skin, the most popular variety in cultivation.....		
<b>Houlton Rose.</b> The standard variety.....		
<b>Houlton Early Queen.</b> Early and productive.....		
<b>Houlton Green Mountain.</b> Late variety, good keeper, white and mealy.....		
<b>Houlton Irish Cobbler.</b> Very early, round white.....		

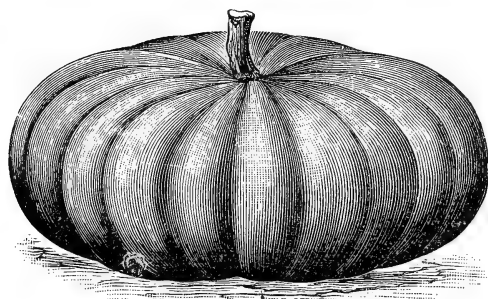
## POTATOES—Continued



HOULTON MAINE POTATOES.

## PUMPKIN

German, Kuerbis; French, Courge; Spanish, Calabaz a Totanera.



CHEESE PUMPKIN

	Per oz.	¼lb.	1lb.
<b>Calhoun.</b> Flesh wonderfully thick and fine grained. cooks very yellow.....	\$0 10	\$0 25	\$0 75
<b>Large Cheese.</b> The best variety, hardy and productive.....	10	20	60
<b>Connecticut Field.</b> Very productive, largely grown for feeding stock 20c. per quart, \$3.00 per bushel.....	10	15	40
<b>Mammoth King.</b> Grows to an immense size.....	20	50	1 50
<b>Earley Sugar.</b> Fruits medium size. of excellent keeping quality. Flesh very sweet.....	10	20	50
	10	25	75
	15	40	1 25

**Cushaw.** Salmon color, crooked neck.....**Tennessee Sweet Potato.** Bell shaped, thick, white flesh, nothing finer for pies.....

These are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

## RHUBARB

German, Rabarber; French, Rhuperbe; Spanish, Ruibarbo.

	Per oz.	¼lb.	1lb.
<b>Linnaeus.</b> Early, large and tender.....	\$0 20	\$0 50	\$1 50
<b>Victoria.</b> Very large, later than Linnaeus.....	20	50	1 50
<b>Roots</b> .....			5c. each

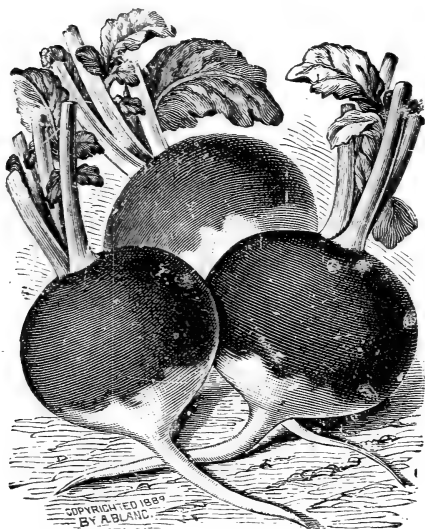
Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following spring, transplant into deep, rich soil, about three feet apart each way.



## RADISH

German, Retting; French, Radis; Spanish, Robanitos

	Per oz.	¼lb.	1lb.
	\$0 10	\$0 20	\$0 60
<b>Vick's Scarlet Globe.</b> New, very fine.....			
<b>Early Scarlet Turnip.</b> The standard variety, of quick growth, mild and crisp when young.....	10	20	50
<b>Early Scarlet Turnip.</b> Forcing variety, maturing in three weeks.....	10	20	60
<b>Early Scarlet Turnip.</b> White tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white a favorite for market gardeners.....	10	15	50
Market gardeners price..... 10 lbs. at 40c. 1b.			
<b>Early Scarlet Turnip.</b> White tip, forcing.....	10	20	60
<b>Olive Shape Deep Scarlet.</b> .....	10	20	60
<b>French Breakfast.</b> Of quick growth, very mild and tender, of oval form, color scarlet, tipped with white.....	10	20	60
<b>Long Scarlet.</b> One of the leading market kinds.....	10	20	50
<b>White Summer Turnip.</b> A summer variety of mild flavor.....	10	20	60
<b>Yellow Summer Turnip.</b> Grows to a large size.....	10	20	60
<b>Rose China Winter.</b> Flesh firm and piquant; excellent for winter use.....	10	20	60
<b>Black Spanish Winter.</b> Long, one of the hardiest and best for winter use.....	10	20	50
<b>Black Spanish Winter.</b> Round.....	10	20	60
<b>Giant Stuttgart.</b> Summer favorite, German sort.....	10	25	75
<b>California Mammoth White.</b> A giant white fleshed Fall Radish.....	10	25	85
<b>White Spanish.</b> Long, rather milder than Black.....	10	25	75
<b>White Strasburg.</b> Very large, German sort.....	10	20	60
<b>White Vienna or Lady Finger.</b> Crisp and tender in summer.....	10	20	60



SCARLET TURNIP WHITE TIP RADISH  
BEST IMPORTED SEED

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy: they thrive best in light rich soil. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

## SPINACH

German, Spinat; French, Spinard; Spanish, Espinaca

Special price on lots of 10 to 25 lbs.

	Per oz.	¼lb.	1lb.
	\$0 10	\$0 15	\$0 35
<b>Long Standing, Round Leaved.</b> .....			
<b>Flander's Round Leaved.</b> The variety commonly grown, good for spring or fall sowing.....	10	15	35
<b>Large Viroflay.</b> A new variety, with leaves much larger and thicker than the old variety.....	10	15	35

## SPINACH—Continued

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Victoria, New.</b> Dark green color, sow early.....	\$0 10	\$0 15	\$0 35
<b>Bloomsdale Savoy Leaved.</b> A large, curled, thick leaved variety, the market gardener's favorite.....	10	15	35
<b>Prickly.</b> Prickly seeded, with triangular arrow-shaped leaves.....	10	15	35
<b>New Zealand.</b> Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light, rich soil.....	10	30	80

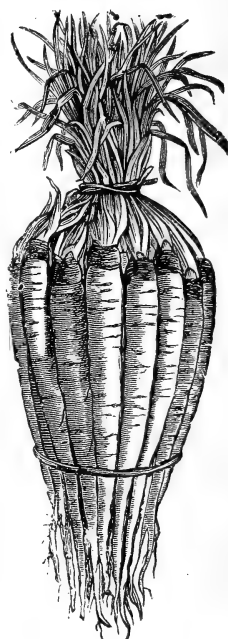
Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals during the season for succession.

## SALSIFY, OR OYSTER PLANT

German. Bocksbart; French, Salsifis; Spanish, Salsifi

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Long White French.</b> .....	\$0 20	\$0 50	\$1 50
<b>Mammoth Sandwich Island.</b> .....	15	40	1 25

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter: a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.



SALSIFY

## SQUASH

German, Garten Kuerbiss; French, Courge; Spanish, Calabaza Buetera



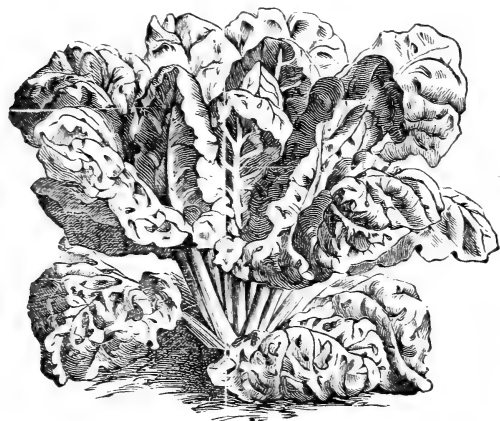
WHITE BUSH SQUASH

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Mammoth Summer Crookneck.</b> Twice size of Summer Crookneck.....	\$0 10	\$0 25	\$0 85
<b>Fordhook Squash.</b> Bright yellow, good keeper.....	10	20	75
<b>Early Golden Bush Scallop.</b> True bush growth producing fruit ready for use early in the summer.....	10	25	75
<b>Early White Bush Scallop.</b> A white variety of the above.....	10	25	75
<b>Summer Crookneck.</b> Early, productive and of good quality.....	10	25	75
<b>Canada Winter Crookneck.</b> Flesh close grained, sweet and fine flavored.....	10	25	75
<b>Boston Marrow.</b> A very valuable medium early variety, an excellent keeper and of superior quality.....	10	25	85
<b>Hubbard.</b> The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor.....	15	35	1 25

## SQUASH—Continued

	Per oz.	½lb.	1lb.
<b>Mammoth Chili.</b> Grows to a large size, often weighing two hundred pounds. Excellent for stock.....	\$0 15	\$0 35	\$1 00
<b>Vegetable Marrow.</b> A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor.....	20	50	1 50

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.



SWISS CHARD

## SWISS CHARD OR SILVER BEET

This is a Beet producing leaves only, of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 10c. ½ lb. 20c., 1lb. 60c.

## TOBACCO

**Connecticut Seed Leaf.** This variety is best adapted to the climate of the Northern and Middle States. Per oz. 25c.; ½ lb. 75c.; 1lb. \$2 50  
**Havana.** Imported seed, Vuelto de Abbajo. Per oz. 45c.; ½ lb. \$1 50; 1lb. \$4 50

## TOMATO

German, Liebesapfel: French, Tomote: Spanish, Tomata.

	Per oz.	½lb.	1lb.
<b>Atlantic Prize.</b> Extra early, smooth, bright red, good size.....	\$0 25	\$0 75	\$2 50
<b>Earlina, Extra Early.</b> Bright red, smooth. It is claimed to be one of the earliest introduced, very productive.....	30	85	2 00
<b>Coreless Livingston's.</b> Almost round, bright red, ripens all over at once, exceptionally free from green core.....	35	1 00	3 50
<b>Livingston's Honor Bright.</b> Solid, long keeping qualities.....	25	75	2 50
<b>Imperial.</b> Very smooth, bright red color, good size.....	25	75	2 50
<b>New Buckeye State.</b> Large size, similiar to Livingston's Beauty, little darker in color.....	30	85	2 75
<b>Thorburn's Terra Cotta.</b> A cross between the Stone Peach and Ponderosa.....	25	75	2 50
<b>Ponderosa.</b> Very large and solid.....	40	1 25	4 00
<b>New Stone.</b> Large and smooth.....	25	75	2 50
<b>Livingston's Perfection.</b> Very early round, smooth tough skin brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety.....	25	75	2 50
<b>Ignotum.</b> Early, large and smooth.....	25	75	2 50
<b>Livingston's Beauty.</b> Large dark crimson, thick skin.....	25	75	2 50
<b>Dwarf Champion.</b> Resembles Acme, early.....	30	85	3 00
<b>Acme.</b> A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato.....	25	75	2 50

## TOMATO—Continued.

	Per oz.	¼lb.	lb.
<b>Trophy.</b> (Selected), The leading variety for general cultivation, and when properly grown will give satisfaction. The seed we offer is carefully selected from pure stock.....	\$0 25	\$0 75	\$2 50
<b>Golden Queen.</b> A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor.....	25	75	2 50
<b>Yellow Plum.</b> Used principally for pickling.....	25	75	2 50
<b>Red Pear Shape.</b> Used principally for preserving and pickling.....	30	85	3 00
<b>Red Currant.</b> For preserves.....	30	85	3 00
<b>Yellow Cherry.</b> Similar to above, except in color.....	25	75	2 50



EARLIANA TOMATO

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

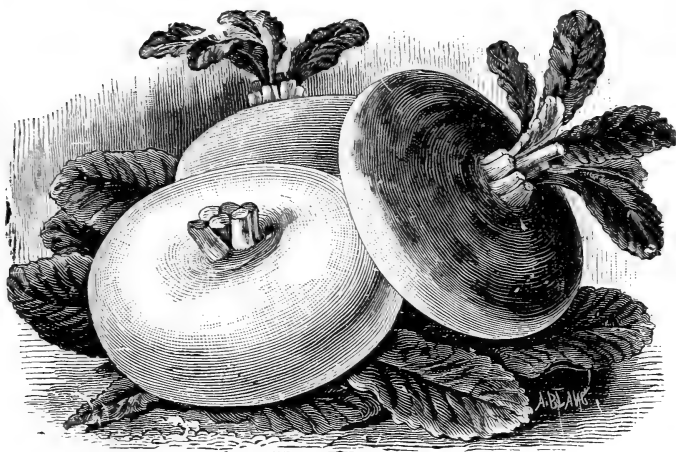
## TURNIP

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	¼lb.	lb.
<b>Milan.</b> (Purple top), the earliest of all.....	\$0 15	\$0 40	\$1 25
<b>Purple Top Munich.</b> One of the earliest varieties.....	10	20	50
<b>Early White Flat Dutch.</b> An early garden variety of medium variety size.....	10	20	60
<b>Red Top Strap Leaf.</b> This and the preceeding are the best two kinds for Spring sowing and for garden culture.....	10	20	50
<b>Red Top White Globe.</b> Very desirable, extensively grown for market.....	10	20	50
<b>White Egg.</b> A new variety, beautiful shape; excellent table turnip.....	10	20	60
<b>Yellow Globe.</b> One of the best for general crop, either for table use or stock.....	10	20	50
<b>Yellow Stone.</b> A good globe-shaped turnip, similar to the above.....	10	20	60
<b>Golden Ball.</b> A table Turnip of quick growth, and unsurpassed quality.....	10	20	60
<b>Long White or Cow Horn.</b> One of the best field Turnips, flesh fine grained.....	10	25	80
<b>Yellow Aberdeen.</b> Hardy and productive, largely grown for farm purposes.....	10	20	60
<b>Large White Norfolk.</b> Globe-shaped variety, one of the best for stock.....	10	20	60
<b>Pomeranium White Globe.</b> Very fine, white Globe variety, round and thick.....	10	20	60
<b>German Tetlow.</b> Small, early, fine grade sugary.....	10	25	80

## TURNIPS—Continued

## RUTA BAGAS



PURPLE TOP STRAP TURNIP

mode of obtaining fair and smooth Spring Turnips in old gardens, where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crop, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

**American Improved Purple Top.**

The leading variety, of fine quality, valuable both for the table and for feeding stock.

Per oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**Carter's Imperial Hardy Swede.**

An English variety, highly recommended as producing enormous crops.

Per oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**White or Sweet German, A**

large solid variety, Per oz.,

10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**Laing's, Improved, globe-shap-**

ed, with small top and tap root.

Per oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

For spring crop, commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots to the depth of an inch or more, and give them a light dressing of woodashes. This is the surest

**SWEET POT AND MEDICINAL HERB SEEDS**

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Per oz.
<b>Anise</b> ( <i>Pimpinella anisum</i> ), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0 10
<b>Balm</b> ( <i>Melissa officinalis</i> ), a hardy perennial, used for making balm tea and balm wine.....	25
<b>Basil, Sweet</b> ( <i>Ocimum basilicum</i> ). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces.....	15
<b>Bene</b> ( <i>Sesamum orientale</i> ).....	10
<b>Borage</b> ( <i>Borago officinalis</i> ), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers.....	10
<b>Caraway</b> ( <i>Carum cauri</i> ), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavors to liquors.....	10
<b>Catnip</b> ( <i>Nepeta cataria</i> ), perennial.....	45
<b>Coriander</b> ( <i>Coriandrum salivum</i> ), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine.....	10
<b>Dill</b> ( <i>Anethum graveolens</i> ), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants.....	10
<b>Fennel</b> ( <i>Anethum foeniculum</i> ), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces.....	10
<b>Horehound</b> ( <i>Marrubium vulgare</i> ), hardy perennial, principally used for medicinal purposes.....	20
<b>Hyssop</b> ( <i>Hyssopus officinalis</i> ), hardy perennial, the leafy tops and flowers are used for making hyssop tea.....	20

## SWEET POT AND MEDICINAL HERB SEEDS—Continued

	Per oz.
Lavender ( <i>Lavandula spica</i> ), a popular aromatic herb.....	20
Majorum, Sweet ( <i>Origanum Majorana</i> ), for seasoning.....	15
Opium Poppy ( <i>Papaver somniferum</i> ).....	20
Rosemary ( <i>Rosmarinus officinalis</i> ), an aromatic herb.....	40
Rue ( <i>Ruta graveolens</i> ), used for medicinal purposes, also frequently given to fowls for the roup.....	40
Saffron ( <i>Carthamus tinctorius</i> ).....	10
Sage ( <i>Salvia officinalis</i> ), much used for flavoring various articles of cookery. It is also pos- sessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration.....	15
Summer Savory ( <i>Satureia hortensis</i> ), annual. It has medicinal and culinary uses. Its aro- matic leaves are much esteemed in salads and soups.....	15
Sorrel, Broad Leaved, used in salads.....	15
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nerv- ous headache.....	45
Tarragon, Roots, each 35 cents.....	
Tansy ( <i>Tanacetum vulgare</i> ).....	40
Wormwood ( <i>Antemesia abietnium</i> ), used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds.....	20

## MUZZY BROTHERS' CELEBRATED LAWN GRASS

1 qt. 2 qt. 4 qt. 8 qt. 1 bu.

Muzzy Bros.' Fine Mixed Lawn Grass. Composed of a mixture of the finest grasses; sow four to five bushels per acre.....	\$0 20	\$0 35	\$0 60	\$1 00	\$3 75
Muzzy Bros.' Special Lawn Mixture. This extra choice mixture contains a large proportion of the finer and more expensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible.....	25	45	85	1 50	5 00
Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun.....	30	60	1 00	1 75	6 00

## QUANTITIES TO BE USED

Plot 20 feet by 20 feet, sow 1 quart  
Plot 25 " " 25 " " 2 "

Plot 25 feet by 50 feet, sow 4 quarts  
" 25 " " 100 " " 8 "

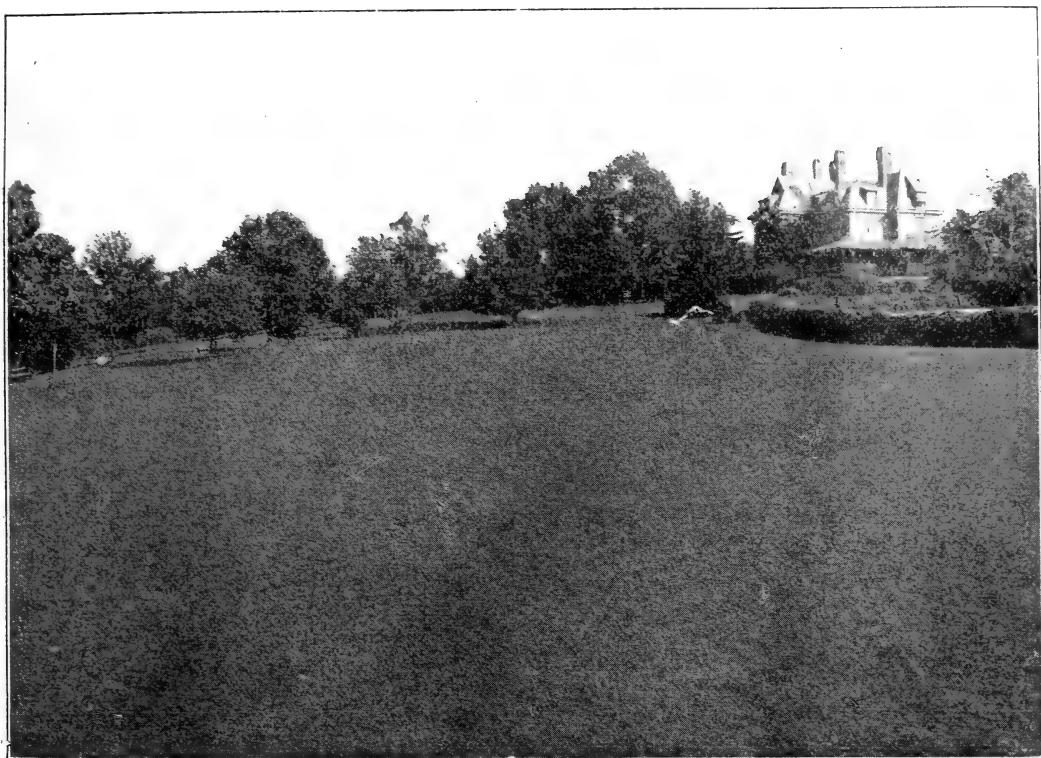
Plot one acre, sow 3 bushels

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

## MUZZY BROS.' LAWN GRASS, TOP DRESSING, ODERLESS

## QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING

Plot 20 feet by 25 feet, use 5 pounds.....	Price \$0 25
" 20 " " 50 " " 10 ".....	" 40
" 25 " " 100 " " 25 ".....	" 90
" 50 " " 100 " " 50 ".....	" 1 75
" One-quarter acre, " 100 ".....	" 3 00



## HOW TO MAKE A LAWN

The ground ought to be carefully prepared during the winter, by draining if found requisite, and digging to the depth of six to twelve inches, according to the nature of the soil. The land should then be leveled and raked to remove stones, etc., and then made firm with a heavy iron roller. When the natural soil is too stony, a supply of good mould should be spread over it to a depth of two or three inches. In March or April, before sowing the seed, the ground ought to be thoroughly cleaned and made perfectly level with the iron roller and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the utmost importance it should be well done. The ground should then be evenly raked and the seeds sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established: but for the first six months' sowing the scythe should be used in preference to the machine. **Frequent mowing and rolling are indispensable to maintain the turf in good order.** By adopting these means a close green sward will be obtained in a short time.

For lawns requiring improvement, and on croquet grounds, where the turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one or two bushels to the acre, either in the Spring or Fall, using a small tooth rake and rolling afterwards. A slight dressing of manure late in the Fall, will often be found beneficial in encouraging the growth of finer kinds of grasses, and helps to produce a close growing turf.

## MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or in fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

### MEADOW MIXTURE FOR ONE ACRE

#### No. 1. On Good Land, Neither Too Dry or Too Wet

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 2. For High and Dry Land

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 3. On Wet Land

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

### PASTURE MIXTURE FOR ONE ACRE

#### No. 4. On Good Land, Neither Too Wet or Too Dry

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 5. On Dry Land

Price \$5.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 6. On Wet Land

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

### CLOVERS

(Subject to Variation in Price)

Red Clover. Medium ( <i>Trifolium pratense</i> ). Price variable, 60 lbs. to bushel.	
Red Clover, Large or Pea Vine. Price variable.	
White Clover. ( <i>Trifolium repens</i> )	
Alfalfa or Lucerne. Requires a deep, rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.	
Alsike or Swedish ( <i>Trifolium hybridum</i> ). Ten pounds to the acre.	
Crimson or Italian ( <i>Trifolium incarnatum</i> ), sown in Autumn, it furnishes an early fodder, and is excellent for soiling. Twenty pounds to the acre. Price variable.	
Bokhara Clover ( <i>Melilotus alba</i> ), affords excellent feed for bees, it is a valuable soiling plant; lasts two years. Ten pounds to the acre.	
Yellow Trefoil ( <i>Medicago lupina</i> ) Hop clover: Fifteen pounds to the acre.	

Market Price

## GRASS SEED

These Prices are Subject to Variation.

	Per 10 lbs.	Per lb.
Blue Grass Kentucky ( <i>Poa pratensis</i> ), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn. 14 lb. bu. ....	\$3 25	\$0 35
Creeping Bent Grass, Florin ( <i>Agrostis stolonifera</i> ), used by many for lawns, well adapted to most places. ....	3 25	35
Crested Dogtail ( <i>Cynosurus cristatus</i> ), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns. 25 lbs. to the acre. ....	3 50	40



## GRASS SEED—Continued.

<b>Hard Fescue</b> ( <i>Festuca duruiscula</i> ), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre.....	2 65	28
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre.....	3 75	40
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ), does well in high dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs. to the acre.....	2 75	30
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ), regarded as one of the most desirable grasses for permanent pasture, being early and rapid growth, 25 lbs. to the acre.....	4 00	45
<b>Meadow Soft Grass</b> ( <i>Holcus lanotus</i> ), will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bu. to the acre; 7 lbs. to bushel.....	2 25	25
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other, 3 bu. to the acre 14 lb. bu.....	2 65	28
<b>Red Top Grass</b> ( <i>Agrostis vulgaris</i> ), good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., \$3.00; per bushel of 14 lbs., \$1.00.....	2 25	25
<b>Fancy Red Top Grass</b> , cleaned like Timothy; free from chaff.....	3 25	35
<b>Rhode Island Bent Grass</b> ( <i>Agrostis canina</i> ), best of all grasses for lawn where only one variety is used.....	1 50	20
<b>Rye Grass English</b> ( <i>Lolium perenne</i> ). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass.....	1 25	15
<b>Rye Grass Italian</b> ( <i>Lolium Italicum</i> ). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state.....	2 25	25
<b>Sweet Vernal Grass</b> ( <i>Anthoxanthum odoratum</i> ), is not valuable when sown alone, but when sown with other grasses, it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals.....	3 00	35
<b>Tall Meadow Oat Grass</b> ( <i>Avena elatior</i> ), very valuable for pasture on account of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South.....	Market Price	
<b>Timothy, Herd's Grass</b> ( <i>Phleum pratense</i> ). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market. 45 lbs. to bushel.....	4 00	45
<b>Rough Stalked Meadow Grass</b> ( <i>Poa trivialis</i> ), produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs. to the bushel; 20 lbs. to the acre.....	7 50	80
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). This grass grows well both on shady and exposed situations. 30 lbs. to the acre.....	1 00	
<b>Yellow Oat Grass</b> ( <i>Avena flavescens</i> ), good for dry pastures and meadows. Is much relished by sheep.....	Market Price.	
<b>Golden or German Millet</b> . This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured, gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs.....	Market Price.	
<b>Hungarian Grass</b> . A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three to the acre. Per bushel of 48 lbs.....	Market Price.	

## GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name

Sold at Market Prices

**SPRING WHEAT, 60 lb. Bushel.**

### Saschatewan Fife

**China Spring.** Chaff bearded variety, and a general favorite

**Mediterranean Spring.** This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties.

**White Russian.** This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs to the bushel. Has produced 40 to 50 bushels to the acre.

**WINTER WHEAT, 60 lb. Bushel.**

**Jones' Winter Fife.** Surpassing all other varieties in hardiness and productiveness

**Golden Cross.** Has the yield of the Clawson, with flower of the Mediterranean

**Clawson.** Also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.

**Fultz.** A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.

**Red Mediterranean.** (American) This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.

**OATS, 32 lb. Bushel.**

**SWEDISH or WASHINGTON.** Very popular and standing well until fully ripe. (See Novelties)

**Probsteirer.** Very productive and heavy. The straw is very strong; No. 32

**Scotch.** One of the leading varieties

**Welcome.**

**RYE 56 lb. Bushel.**

**Spring and Winter Rye**

**SPRING BARLEY, 48 lb., Bushel**

**Vermont Champion (two rowed)**

**BUCKWHEAT, 48 lb., Bushel**

**Silver Hull.** This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

**JAPANESE BUCKWHEAT**

Yields twice or three times as much as Silver Hull and ripens a week earlier

## MISCELLANEOUS SEEDS ETC.

**Cow Peas.** For Fodder  
**Kaffir Corn** or Sorghum.  
**Canada Field Peas.**

**Winter Vetches**  
**Spring Vetches**  
**Flax.** Very clean

Per qt., 20c. bu., \$4 00  
Per lb., 15c. 100 lb., 7 00  
Market Price

" "  
" "  
" "



# MUZZY BROTHERS' CATALOGUE OF SEEDS

## MISCELLANEOUS SEEDS, ETC.—Continued.

Canary, Best Sicily (Phalaris canariensis).....	Per qt.,	\$0 10
Hemp (Cannabis sativa).....	"	10
Maw (Papaver Rhoeas).....	Per lb.,	15
Lettuce Seed.....	"	25
Millet (Panicum miliacedum).....	Per qt.,	10
Rape (Brassica napus).....	"	10
Mixed Bird Seed.....	"	10
Sunflower, Large Russia.....	Per bushel, 28 lbs.,	\$2.00; per qt., 10
Gravel for Cages.....	Per box, 5c.	Cuttle Fish Bone
		Each, 2c. and 3c.

## FRUIT AND VEGETABLE ROOTS AND PLANTS

Asparagus Roots, Conover's Colossal and Palmetto (2 years old).....	Per 100, 80c.; per 1,000, \$6.00
Rhubarb Roots.....	5c. each; Horse Radish Roots.....
	Per 100, 75c.; per dozen, 20c.
Strawberry Plants. Currant Bushes. Blackberry Bushes, Raspberry Bushes. Grape Vines	
and Gooseberry Bushes.....	Prices on Application

## QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus.....	1 oz. to 60 ft. drill	Pole Beans.....	1 qt. to 150 hills
Beet.....	1 oz. to 50 ft. "	Corn.....	1 qt. to 200 "
Carrot.....	1 oz. to 150 ft. "	Cucumber.....	1 oz. to 50 "
Endive.....	1 oz. to 150 ft. "	Water Melon.....	1 oz. to 30 "
Okra.....	1 oz. to 40 ft. "	Musk Melon.....	1 oz. to 60 "
Onion.....	1 oz. to 100 ft. "	Pumpkin.....	1 oz. to 40 "
Onion sets, small.....	1 qt. to 20 ft. "	Early Squash.....	1 oz. to 50 "
Parsley.....	1 oz. to 150 ft. "	Marrow Squash.....	1 oz. to 16 "
Parsnip.....	1 oz. to 200 ft. "	Cabbage.....	1 oz. to 3,000 plants
Radish.....	1 oz. to 100 ft. "	Cauliflower.....	1 oz. to 3,000 "
Salsify.....	1 oz. to 70 ft. "	Celery.....	1 oz. to 4,000 "
Spinach.....	1 oz. to 100 ft. "	Egg Plant.....	1 oz. to 2,000 "
Turnip.....	1 oz. to 150 ft. "	Lettuce.....	1 oz. to 4,000 "
Peas.....	1 qt. to 100 ft. "	Pepper.....	1 oz. to 2,000 "
Dwarf Beans.....	1 qt. to 100 ft. "	Tomato.....	1 oz. to 2,000 "

## QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

Artichokes, Jerusalem.....	3 bu.	Kale, German Greens.....	3 lbs
Asparagus, in 12 inch drills.....	25 lbs.	Lettuce, in rows: 2½ feet.....	3 lbs.
plants, 4x1½ feet.....	8,000	Leek, in rows: 2½ feet.....	3 lbs.
Barley, Broadcast.....	2½ bu.	Melon, Water in hills: 8x8 feet.....	3 lbs.
Beans, dwarf, in drills: 2½ feet.....	1½ bu.	Citron, in hills: 4x4 feet.....	2 lbs.
Lima, in drills: 4x4 feet.....	20 qts.	Millet, Pearl, in drills.....	5 lbs.
Pole, in hills: 4x3 feet.....	10 qts.	Golden, broadcast.....	¾ bu.
Beets, in drills: 2½ feet.....	6 to 8 lbs.	Mustard, broadcast.....	12 to 16 qts.
Broom Corn, in hills.....	4 to 6 qts.	Oats, broadcast.....	2 to 3 bu.
Buckwheat, broadcast.....	1 bu.	Onion, in drills.....	5 lbs.
Cabbage sown in frames.....	6 oz.	In beds for sets.....	5 lbs.
Sown in outdoor beds for trans- planting.....	10 oz.	Parsnips, in drills: 2½ feet.....	5 lbs.
Carrot, in drills: 2½ feet.....	3 lbs.	Peas Early, in drills.....	1½ bu.
Celery Seed.....	8 oz.	Marrowfat in drills.....	1¼ bu.
Plants, 4x½ feet.....	25,000	Broadcast.....	3 bu.
Chufas, in drills, 2½ feet.....	½ bu.	Potato, cut tubers: in drills.....	8 to 10 bu.
Clover, Alsike.....	5 lbs.	Radish, in drills: 2 feet.....	8 lbs.
Red, alone.....	15 lbs.	Broadcast.....	12 lbs.
White, alone.....	12 lbs.	Pepper Plants, 2½x1 foot.....	17,500
White, with other Seeds.....	4 lbs.	Pumpkin, in hills: 8x8 feet.....	2 qts.
Lucerne or Alfalfa.....	15 lbs.	Parsley, in drills: 2 feet.....	4 lbs.
Corn, Sweet.....	8 to 10 qts.	Rye, broadcast.....	1½ to 2 bu.
Field.....	7 to 9 qts.	Salsify, in drills: 2½ feet.....	10 lbs.
For fodder.....	3 bu.	Sorghum, in drills.....	10 to 12 lbs.
Corn Salad, in drills: 10 inches.....	25 lbs.	Spinach, in drills.....	10 lbs.
Cucumber, in hills.....	1½ lbs.	Broadcast.....	30 lbs.
Egg Plants; plants 3x2 feet.....	4 oz.	Turnips, in drills: 2 feet.....	1½ lbs.
Endive, in drills: 2½ feet.....	3 lbs.	Broadcast.....	2 to 3 lbs.
Grass, Hungarian.....	¾ bu.	Tomatoes, in frame.....	4 oz.
Lawn.....	3 to 4 bu.	Plants.....	3,800
Orchard.....	2 to 3 bu.	Wheat, broadcast.....	2 bu.
Rye.....	2 bu.	In drills.....	1½ bu.
Kentucky Blue.....	3 bu.		
Timothy.....	¼ bu.	Clover, } together { 10 lbs. Clover	
Red Top.....	3 bu.	Timothy, } for { ¼ bu. Timothy	
		Red Top, } one acre. { 1 bu. Red Top	

# HIGH GRADE FERTILIZERS

## MUZZY BROS.' "SURE" PHOSPHATE

FOR GENERAL CROPS, BEST FERTILIZER EVER MANUFACTURED

Stands ahead of anything in the market in Analysis, selling Price and Results. The Great Satisfaction this Fertilizer has given our customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

### GUARANTEED ANALYSIS

Nitrogen.....	2.46 to 3.28 per cent	Total Phos. Acid.....	10 to 11 per cent
Equal to Ammonia.....	3 to 4 per cent	Potash Actual.....	6 to 8 per cent
Available Phos Acid.....	8 to 10 per cent	Equal to Sulp. Potash.....	11.09 to 12.94 per cent
Insoluble " ".....	1 to 2 per cent	Ton. (12 bags) \$33.00; per bag (167 lbs.)	\$3.00

## MUZZY BROS.' "SURE" SUPER PHOSPHATE

FOR POTATOES

Nearly every farmer grows Potatoes, and consequently is, with the trucker and market gardener, interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that with a potato, Manure made from first class material, like our "SWIFT-SURE," SUPER-PHOSPHATE FOR POTATOES, you can grow a larger crop of potatoes than you can with barnyard manure, and have them smoother, free from imperfections and of more uniform size.

### GUARANTEED ANALYSIS.

Nitrogen.....	2.46 to 3.28 per cent	Total Phos. Acid.....	8 to 11 per cent
Equal to Ammonia.....	2 to 4 per cent	Potash Actual.....	7 to 8 per cent
Available Phos Acid.....	8 to 10 per cent	Equal to Sulp. potash.....	12.94 to 14.79 per cent
Insoluble " ".....	1 to 2 per cent	Ton (12 bags) \$35.00 per bag (167 lbs.)	\$3.25

## MUZZY BRO'S SPECIAL FERTILIZER

Nitrogen.....	1.65 to 2.47 per cent	Insoluble Phos. Acid.....	1 to 2 per cent
Equal to Amonia.....	2 to 3 per cent	Potash Actual.....	4 to 5 per cent
Available Phos. Acid.....	8 to 10 per cent	Equal to Sulph. Potash.....	7.40 to 9.25 per cent
Total " ".....	9 to 11 per cent	Ton (12 bags) \$30.00; per bag (167 lbs.)	\$2.75

## FINE GROUND BONE for Lawns

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODERLESS

### GUARANTEED ANALYSIS.

4 to 5 percent. Ammonia	45 per cent. Bone Phosphate of Lime.	
5 pound bag for space 20 x 25 feet.....		\$0 25
10 " " " 20 x 50 ".....		40
25 " " " 25 x 100 ".....		90
50 " " " 50 x 100 ".....		1 75
100 " " " 1/4 acre.....		2 75

## PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect, Excellent for mixing with the soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

**Quantity Required.** For garden and field crops, 1 to 2 tons per acre—1/4 before plowing the balance before harrowing. For top dressing grass, use 1 ton per acre in fall or early spring.

Price, 100 lb. bag, \$2 00; per ton of 2,000 lbs., \$30 00; in packages of 2 lbs., 15c.; 10 lbs., 50c.

## NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs., 35c.; 10 lbs., 50c.; 25 lbs., \$1 25; 50 lbs., \$2 00. Bags trifle over 200 lbs., \$3 25 per 100 lbs.

## HIGH GRADE FERTILIZERS—Continued.

**MURIATE OF POTASH**

50 per cent Actual Potash

One of the Best Fertilizers for Grass, Wheat, Rye, Oats, Barley, Etc; Used with Nirtate of Soda, Ground Bone, Acid Phosphate, would furnish sufficient available for an increase in yield by 50 per cent. Price, \$3.25 per 100 lbs. \$5.50 Bag of 200 lbs.

**ACID PHOSPHATE**

14 to 16 per cent Available Phosphoric Acid.

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base. Price, \$1.25 for 100 lbs. \$2.25 Bag of 200 lbs.

**KAINIT**

12 per cent Actual Potash.

Used mostly where a small amount of Potash is required, is recommended as a good preenvtive of Grubs, Worms. Price, \$1.15 for 100 lbs. \$1.90 Bag of 200 lbs.

**GENERAL LIST OF FLOWER SEEDS****HARDY ANNUALS**

Successive sowing may be made from March to the end of September; March, April and May are the best months for general Summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth—the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

**HALF HARDY AND TENDER ANNUALS**

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

**HARDY BIENNIALS AND PERENNIALS**

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November, those sown in Autumn are best planted out in March or April, where intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first sea-

## GENERAL LIST OF FLOWER SEEDS—Continued.

son. The Pansy, Petunia, China Pink and its several splendid varieties, and many others, do better as Annuals than Perennials.

Half Hardy Biennials and Perennials may be raised and treated in the same way as recommended for Half Hardy Annuals.

## ANNUALS FOR WINTER BLOOMING

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candy Tuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dinathus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Verbena Vinca and others.

## Abbreviations and Signs Used in the following list

- |     |  |      |   |
|-----|--|------|---|
| A.  | Annuals, refers to those plants that last but one season, and must be raised annually.                                     | t.   | Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September. |
| B.  | Biennial, raised one year, bloom and die the next.   | cl.  | Climbing: as Cypress Vine, Morning Glory, etc.  |
| P.  | Perennial, lasts two or more seasons.  | spr. | Spreading or trailing as Verbena.   |
| h.  | Hardy, are those that may be grown at all seasons in open air, without protection.   | g.   | Greenhouse, those plants which require to be grown under glass.   |
| hh. | Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden. | s.   | Shrubs, plants of a shrubby or bushy habit.   |

Those Biennials and Perennials marked with an (\*) will bloom the first year if sown early.

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
<i>Abrobra viridiflora</i> .....	tA	8	sc. fruit	10	Beautiful climbing gourd.
<i>Abronia umbellata</i> .....	hHA	spr	pink	5	} Pretty Verbena-like annuals
"    fragrant .....	hHB	2	white	10	
<i>Abutilon</i> mixed .....	tP	6	various	25	Beautiful bell-shaped flowers.
<i>Acacia</i> mixed .....	hHP	3-5	yellow	5	Good for grenho., or pot culture
<i>Achimenes</i> choice mixed .....	gP	1	various	25	Beautiful tuber-rooted plants.
* <i>Aklumia cirrhosa</i> .....	hB	15	pink	10	Mountain Fringe, hardy climber.
<i>Ageratum Mexicanum</i> .....	hHA	1	blue	5	} Valuable bedding plants of dwarf habit, very free bloomer.
"    Imperial dwarf .....	"	½	"	5	
"    Lasseauxii .....	"	1	rose	5	} Sweet Alyssum, a well known fragrant flower.
<i>Alyssum</i> sweet .....	hA	½	white	5	
"    Saxatile .....	hP	1	yellow	5	} Fine plants for decorating purposes for conservatory and flower garden. Amar. tricolor known as Joseph's coat.
<i>Amaranthus Henderi</i> .....	hHA	4	var. col.	5	
"    melancholicus ruber .....	"	2	red	5	
"    bicolor ruber .....	"	3	"	5	
"    salicifolius .....	"	3	scarlet	10	
"    tricolor .....	"	1	var. col.	5	} Excellent for bouquets.
<i>Anchusa augustifolia</i> .....	hP	2	purple	10	
* <i>Angelonia grandifolia</i> .....	gp	2	vio. blue	25	Beautiful ornamental plants.
* <i>Antirrhinum majus</i> , choice mix .....	hP	2	various	5	} The Antirrhinum or snapdragon, a very useful and showy plant.
*    "    Tom Thumb .....	"	1	"	10	
<i>Aquilegia chrysantha</i> .....	"	2	yellow	10	} Columbines, Handsome free flowering border plants, perfectly hardy.
"    coerulea .....	"	2	sky blue	15	
"    choice mixed, double .....	"	2	various	5	} Rock or bordering, early flowering
<i>Arabis Alpina</i> .....	"	½	white	10	
<i>Ardisia crenulata</i> .....	gs	3	red frt.	25	Beautiful scarlet berries.
<i>Aistolochia Siph</i> .....	hP	30	yel br.	25	Dutchman's Pipe,





BACHELOR BUTTON



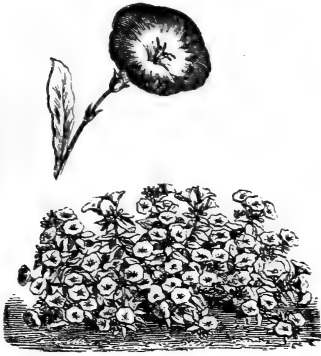
CYCLAMEN



CASTOR BEAN

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
* <i>Canna gigantea</i> .....	hHP	8	red	10	These stately plants are remarkable for their large and handsome foliage, producing a most luxuriant and tropical appearance:
* " <i>Marshall Vaillant</i> .....	"	4-5	orange	10	
* " <i>Fintelmannii</i> .....	"	5	yellow	10	
* " <i>nigrians</i> .....	"	3	red	10	
* " <i>Bihorrelli</i> .....	"	3	scarlet	10	
* " mixed var. .... oz. 50c	"	3-6	various	5	Handsome old-fashioned plants for mixed borders
* <i>Cantebury Bells</i> , blue .....	hB	3	blue	5	
* " " white .....	"	3	white	5	
* " " mixed .....	"	3	mixed	5	
* <i>Carduus benedictus</i> .....	hA	3	white	5	
<i>Carnation</i> finest double .....	hP	2	various	5	Ornamental Thistle, The Carnation Pink is indispensable for its rich flowers and delicious perfume.
" mixed for borders .....	"	"	"	5	
" perpetual or tree .....	"	"	"	50	
<i>Centaurea candidissima</i> 1,000 \$2	hHP	1	wh. fol	10	
<i>Clementi</i> .....	"	1	"	10	
" <i>gymnocarpa</i> ½ oz. \$2	"	1	"	10	Handsome silver foliage plants for bedding out of the greenhouse.
<i>Chrysanthemum</i> annual mixed .....	hA	2	various	5	
" double white .....	"	1	white	5	
" " golden .....	"	1	orange	15	
" " indicum fl. pl. ....	"	1	various	10	
" <i>Burridgei</i> imp .....	hP	3	"	10	Chrys. indicum and pompon are beautiful. Fall flowering Chrysanthemums.
" " pompon fl. pl. ....	"	2	"	10	
<i>Cineraria hybrida</i> choicest mix'd .....	gP	1½	"	50	
" " dwarf mixed .....	"	¾	"	25	
" " double new .....	"	1¼	"	75	
" <i>maritami</i> .....	hA	1½	yellow	5	Silver foliage bedding plant. Very pretty free flowering annuals.
<i>Clarkia pulchella</i> .....	"	1	pink	5	
" mixed varieties .....	"	1	various	5	
<i>Glaucanthus Dampieri</i> .....	gs	4	scarlet	15	
* <i>Cobaea scandens</i> .....	hHP	20	purple	5	
<i>Coxcomb</i> dwarf, crimson .....	hHA	1	crimson	10	Exceedingly handsome plants. The dwarf varieties are excellent for pot culture. The Glasgow and New Empress Coxcombs are new and very fine,
" <i>Glasgow Prize</i> .....	"	¾	purple	10	
" <i>New Empress</i> .....	"	1	crimson	10	
" <i>New Japan</i> .....	"	3	scarlet	10	
" feathered, mixed .....	"	3	various	5	
<i>Coleus</i> from newest varieties .....	tP	2	var. fol	25	One of the most effective plants in carpet bedding.
<i>Collinsia</i> bicolor .....	hA	1	pur. wh.	5	
" mixed varieties .....	"	1	various	5	Attractive annuals; if sown in Fall will flower early in Spring





CONVOLVULUS MINOR



COWSLIP



DIANTHUS

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet,	OBSERVATIONS.
Convolvulus major.....oz. 15c	ha	10	various	5	C Major (Morning Glory) is one of the best known climb- ers.
“ minor.....oz. 30c	“	1	“	5	
“ Mauritanicus.....	hhP	spr.	lavender	10	
Cowslip English.....	hP	$\frac{2}{3}$	mixed	5	Favorite Spring flower. Beautiful sweet scented green- house plants.
Cyclamen Persicum.....	hhP	$\frac{1}{2}$	“	10	
“ extra choice.....	“	$\frac{1}{2}$	“	25	
“ giganteum.....	“	$\frac{1}{2}$	“	25	Well known beautiful climbers.
Cypress Vine scarlet.....oz. 50c	ta	10	scarlet	5	
“ scarlet, ivy leaved oz 50c	“	10	white	10	
“ white.....oz. 50c	“	10	div.	5	
“ mixed.....oz. 50c	“	10	“	5	
*Dahlia finest double.....	hha	6	various	5	Stately autumn flowering plants.
“ Lilliputian varieties.....	“	4	“	25	
“ single mixed.....	hhP	3	“	10	
Daisy double.....	hP	$\frac{1}{4}$	“	5	Finest mixed.
Datura chloranta, double.....	hha	3	yellow	5	Very showy trumpet-shaped flowers.
“ meteloides.....	“	3	w. & b.	5	
Delphinium formosum.....	hP	2	blue	5	Splendid plants for large borders
“ nudicaule.....	“	1	scarlet	10	
Devil-in-a-Bush.....	ha	$\frac{1}{2}$	b. & w.	5	Curious and pretty.
*Dianthus Chenensis, double.....	hP	1	mixed	5	Fine variety of China Pink: should be in every garden
“ Heddewigii.....oz. 75c	“	1	“	10	
* “ diadematus, double.....	“	1	“	10	Hyacinth Bean: free growing climber.
Dolichos lablab.....oz. 40c	ta	10	purple	5	
“ alba.....	“	10	white	5	Coral plants with handsome spike of blossoms.
Erythrina crista galli.....	hhP	4	scarlet	10	
“ coralodendron.....	“	6	“	25	Fine greenhouse plants
Epacris finest mixed.....	gs	2-3	various	50	
Erica finest mixed.....	“	1-2	“	25	Cape Heaths.
Eringium Leavenworth.....	ha	2	purple	10	Beautiful and curious plant.
Eschscholtzia California.....	“	1	yellow	5	
“ Mandarian.....	“	1	crimson	10	Useful bright looking plants.
Everlasting flowers.....	ha	2	various	5	
Ferns mixed varieties.....	gp	$\frac{3}{8}$	foliage	25	For Winter boquets.
Forget-me-not.....	“	“	“	5	Beautiful foliage.
Foxglove (Digitalis).....	hP	3	various	5	See Myosotis.
*Four o'clocks (Mirabilis oz. 30c	hhP	2	“	5	Showy mixed varieties.
Fuchsia.....	“	3-6	“	25	Well-known useful plants.
*Gaillardia mixed.....	“	2	“	5	Beautiful greenhouse plants.
Geranium zonale, mixed.....	“	1 $\frac{1}{2}$	“	10	Beautiful for border or pots.
“ Apple scented.....	“	1	pink	25	
“ Pelargonium, mixed.....	“	1 $\frac{1}{2}$	various	50	



EVERLASTING

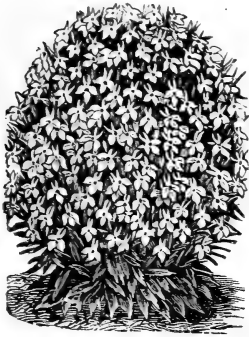


GAILLARDIA



HOLLYHOCK

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
*Gesneria finest mixed	gP	1	various	25	Splendid hothouse plants.
Glaucium corniculatum	hP	2	yellow	5	A fine ornamental plant.
Gloxinia finest mixed	gP	$\frac{1}{2}$	various	50	Charming house plant.
Godetiae Whitney	hA	$1\frac{1}{2}$	rose	5	Brilliant, profuse flowering hardy annuals.
" Lady Albemarle	"	$1\frac{1}{2}$	crimson	5	See Pyrethrum aureum.
Golden Feathered					
Gourd Apple	tA	10	yellow	5	
" Bottle	"	10	"	5	
" Dipper	"	10	"	5	Mock orange; excellent rapid growing climbers, with peculiar and handsome fruits.
" Hercules' Club	"	10	"	5	
" Miniature	"	10	"	5	
" Sugar Trough	"	10	"	5	
" mixed	"	10	"	5	
Helianthus globosus	hA	6	orange	5	Superb double Sunflower.
Helichrysum Bacteatum Immortelle mixed	hA	2		5	For winter bouquets.
Heliotrope mixed varieties	hhP	1	various	5	Well known, fragrant plants.
*Hollyhock double mixed	hB	6		5	
" finest mixed	"	6		25	Sow in June or July for flowering the next Summer.
" pure white				10	
Ice Plant	hha	spr.	white	5	Curious and pretty.
Ipomoea coccinea	"	10	scarlet	5	
" Bona Nox	"	10	white	10	Very beautiful free flowering climbing vines for outdoor or greenhouse culture.
" variegata	"	10	marbled	5	
" leptophylla	hP	5	various	10	
" Quamoclit	tA	10	purple	5	The popular Cypress Vine.
" alba	"	10	scarlet	5	
Japanese Morning Glory	A	15	varieg'd	5	
Lantana mixed varieties	hhP	3	various	5	Good for pot or outdoor culture
Larkspur Dwarf Rocket oz. 40c	hA	1	"	5	Fine free flowering plants of various beautiful colors.
" Branching	"	2	"	5	
" Emperor	"	$1\frac{1}{2}$	"	10	
Leptosiphon roseus	"	$\frac{1}{2}$	rose	5	Extremely pretty dwarf free flowering plants.
" densiflorus albus	"	$\frac{1}{2}$	white	5	
Liatris pycnostachya	hP	4	pink	10	Kansas Gay Feather.
Linum grandiflorum, scarlet	hha	3	scarlet	5	Scarlet Flax, very brilliant
" flavum	hP	1	yellow	5	
Lobelia gracilis	hha	spr.	blue	10	A charming class of dwarf growing plants for ribbon borders, hanging baskets, rockwork, etc.
" Paxtoniana	"	$\frac{3}{4}$	b. & w.	10	
" speciosa	"	$\frac{3}{4}$	blue	10	
" mixed varieties	"	$\frac{3}{4}$		5	
Lophospermum scandens	"	10	rose	10	Climber, trumpet-shaped flowers
Love-Lies-Bleeding	hA	3	crimson	5	Showy border annual.



LOBELIA



MOONVINE



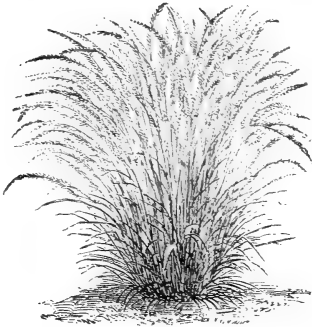
NASTURTIVM

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
Love-in-a-Mist .....	hA	1	blue	5	Curious and pretty.
Lupinus Cruikshanki .....	"	3	b. w. yel	5	Among the handsomest easily
" hybridus insignis .....	"	3	dark red	5	grown garden annuals. To pro-
" subcarnosus .....	"	1½	r. p. b.	5	duce fine plants, start on heat,
" polyphyllus .....	hP	3	blue	5	plant separately in pots and
" mixed annual .....	hA	3	various	5	turn out into rich soil.
Marigold African .....	"	2	mixed	5	Fine class of plants for mixed
" French Dwarf .....	"	1	"	5	beds or borders.
*Marvel of Peru .....	hhP	2	"	5	Four O'clock.
Maurandya alba .....	"	10	"	15	
" Barclayana .....	"	10	purple	10	One of the most interesting and
" mixed .....	"	10	various	10	useful of climbing plants.
Mignonette large flowered oz. 25c	hA	1	buff	5	
" pyramidal " oz. 40c	"	1	"	5	
" New Giant pyr'al. oz. 50c	"	1½	"	5	The New Giant Pyramidal, Mile's
" Miles' Spiral .....	"	1	"	10	Spiral. The Prize and new
" The Prize .. oz. 50c	"	1	"	10	Dwarf compact are varieties of
" New Dwarf compact .....	"	1	"	10	recent introduction producing
" Bird's Impr'd oz. 50c	"	1½	yellow	10	splendid spikes of deliciously
" Golden Queen .....	"	1	"	10	fragrant bloom.
Mimosa Pulica Sensitive plant ..	"			5	
Moon Vine .....	"	20	white	5	The vines are covered with im-
*Mimulus hybridus .....	hhP	1	various	5	mense white flowers, 6 inches
* " moschatus (Musk Plant)	"	½	yellow	5	or more across.
Myosotis palustris .....	hP	1	blue	5	Musk Plant.
" alba .....	"	1	white	10	M. moschatus is the well-known
" dissitiflora .....	"	½	dk. blue	15	Forget-me-not. These beauti-
" alpestris .....	"	spr.	blue	5	ful little flowers succeed best in
Nasturtium King of Tom Thumbs	hA	1	scarlet	5	moist situations.
" Tom Thumb, yellow	"	1	yellow.	5	
" Crystal Palace Gen.	"	1	sul. spt.	5	Plant of great beauty, blooming
" King Theodore .....	"	1	black	5	profusely in poor soil. The tall
" Ruby King .....	"	1	carmine	5	varieties are excellent climbers
" Dwarf, mixed oz. 10c	"	1	various	5	for covering old walls, trellises,
" Tall, mixed .. oz. 10c	"	6	"	5	etc.
Nemophila insignis .....	"	1	blue	5	
" maculata .....	"	1	spotted	5	Very pretty free blooming dwarf
" mixed colors .. oz. 40c	"	2	various	5	annuals.
Oenothera .....	hhP	2	"	10	Evening Primrose.



PETUNIA

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
*Pansy mixed colors.....oz. \$1 50	hP	1 1/2	various	5	Valuable early Spring blooming plants. Bugnot's International Pansy is a splendid new strain.
* " finest mixed.....oz. \$2 50	"	1 1/2	"	5	
* " Odier or blotched.....	"	1 1/2	"	15	
* " Emperor William.....	"	1 1/2	blue	15	
" White.....	"	1 1/2	white	15	
" King of the Blacks.....	"	1 1/2	black	15	Handsome flower spikes. Bronze purple foliage. Passion flower.
Passiflora coerulea.....	hP	10	various	5	
Penstemon mixed varieties.....	"	2	blue	10	
Perilla Nankinensis.....	hHA	2	purple	5	Beautiful bedding or pot plants producing a great variety of charming colors and continuing in bloom all Summer.
*Petunia fine mixed.....oz. 75c	hHP	2	various	5	
* " finest striped and blotched.....	"	2	"	25	
* " double.....	"	2	"	25	
* " new double tinged.....	"	2	"	50	
* " Countess of Ellesmere.....	"	2	pr. & w.	5	The P. Drummondii is one of our very best annuals, noted for richness of color, profuseness of blossom, and length of duration in bloom. No garden should be without a bed of it.
* " nyctaginiflora.....	"	2	white	5	
Phlox Drummondii alba.....	hHA	1	"	10	
" " coccinea.....	"	1	scarlet	10	
" " atropurpurea.....	"	1	d. purple	10	
" " Black Warrior.....	"	1	d. red	10	Rich and beautiful colors. See Dianthus. Lovely Spring flower.
" " Leopoldi.....	"	1	d. red	10	
" " grandiflora spi.....	"	1	w. er	10	
" " mixed oz. 75c.....	"	1	sc. & w	10	
Picotee fine mixed.....	hHP	2	various	50	
" extra choice.....	"	2	"	50	Very beautiful hardy perennials.
*Pink Chinese, double.....oz. 75c	hB	1 1/2	"	5	
Polyanthus choice.....	hP	1	"	25	
Poppy finest mixed double.....	hA	1	"	5	
" Shirley.....	"	1 1/2	tinted	5	
Portulaca Bedmanii.....	hHA	1 1/2	white	10	This popular annual is unrivaled for brilliancy of color, and is of the easiest culture; the double varieties are especially beautiful, resembling miniature roses in form.
" Pheasantii.....	"	1 1/2	salmon	5	
" golden striped.....	"	1 1/2	striped	5	
" splendent.....	"	1 1/2	purple	5	
" alba.....	"	1 1/2	white	5	
" Thellusoni.....	"	1 1/2	scarlet	5	Chinese Primrose: is an invaluable and very beautiful class of Spring and Winter decoration of the greenhouse, conservatory or drawing room.
" Thorburnii.....	"	1 1/2	yellow	5	
" mixed single.....oz. 50c	"	1 1/2	various	5	
" double finest.....	"	1 1/2	"	5	
Primula Sinensis fringed, red.....	gp	1 1/2	red	50	
" " " white.....	"	1 1/2	white	25	
" " " striped.....	"	1 1/2	striped	50	
" " " mixed.....	"	1 1/2	various	25	
" " double white.....	"	1 1/2	white	75	
" " " red.....	"	1 1/2	red	75	
" " " mixed.....	"	1 1/2	mixed	75	

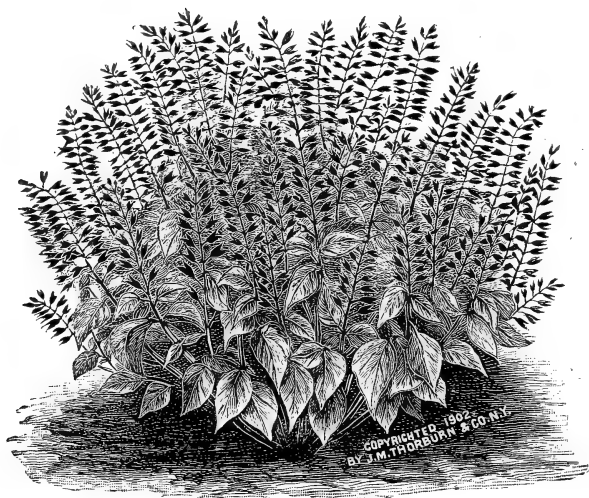


SENSITIVE PLANT



STIPA

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
*Pyrethrum carneum	hA	1½	flesh	10	The Insect powder Plant Valuable as bedding plants.
* " Golden Feather	"	1½	yellow	10	
* " " Gem	"	1½	"	5	
Rocket Sweet white	"	2	white	5	Free flowering fragrant perennials.
" purple	"	2	purple	5	
" mixed	"	2	mixed	5	
Ricinus Borboniensis arboreus	hHA	15	violet	5	Stately plants, with large, handsome foliage: fine in groups or as single specimens.
" Duchess of Edinburgh	"	8	"	5	
" Gibsoni	"	5	red fol.	5	
" sanguineus	"	8	"	5	
" mixed varieties oz. 30c	"	"	various	5	
Salpiglossis mixed	hHA	1	"	5	Very showy.
Salvia Splendens	hHP	3	scarlet	5	Splendid free flowering ornamental plants.
" alba	"	3	white	25	
" patens	"	3	blue	25	
Sanvitalia procumbens fl. pl.	hA	spr.	yellow	10	Free blooming trailing plant.
Saponaria calabrica	"	1	pink	5	Pretty, compact growing plant.
*Scabiosa dwarf double	hB	1½	various	5	Sweet Scabiosa, very pretty, useful for bouquets.
" candidissima	"	2	white	5	
Sensitive Plant	tA	1	pink	5	Curious and interesting.
Silene pendula compacta	hA	1½	"	5	Charming dwarf compact plant.
Smilax (Myrsiphyllum)	gP	6	white	10	Charming greenhouse climber.
Snapdragon	"	"	"	"	See Antirrhinum.
Solanum capsicastrum	hHP	1	sc. fruit	5	Ornamental fruit bearing plants, charming as pot plants.
" Weatherill's hybrids	hHA	biv.	various	5	
Stock German Ten Weeks mixed	hHA	1	"	5	These much admired fragrant flowers are everywhere popular, their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time. For outdoor culture transplant when small: plant in rich soil, with mixture of lime and rubbish.
" " large flowering	"	1	"	10	
" " dwarf pyramid	"	1	"	15	
" " pure white	"	1	white	15	
" " blood red	"	1	b. red	15	
" " canary yellow	"	1	yellow	15	
" " Wallflower leaved	"	2	various	10	
" Intermediate white	hHB	2	white	10	
" " crimson	"	2	crimson	10	
" Brompton or winter	"	2	mixed	10	
" Emperor or Perpetual	hHP	2	"	10	
Sweet Pea Navy Blue	hA	5	pure bl.	5	A beautiful and highly popular class of hardy annual climbers deliciously fragrant.
" Pink Friar	"	5	pink	5	
" Mars	"	5	scarlet	5	
" Blanche Ferry	"	5	p. pink	5	
" Blanche Burpee	"	5	lg. white	5	
" Dorothy Tennant	"	5	monoc	5	
" Emily Eckford	"	5	hel'trope	5	
" Mrs. Eckford	"	5	yellow	5	



SALVIA SPLENDENS



VIOLET

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
Sweet Pea Finest Mixed.....	ha	5	various	5	Very beautiful hardy perennials.
" Dwarf Cupid... oz. 20c	"	5	"	5	
Sweet William auricula flowered	hP	1½	mixed	5	
" double mixed.....	"	1	"	5	Splendid greenhouse climber. Excellent for bedding.
Taconia Van Volxemii.....	gP	6	scarlet	25	
Tagetes pumila.....	ha	1	yellow	5	
Thunbergia alata.....	hha	5	buff	10	Slender, rapid growing climbers with very pretty flowers, which are freely produced.
" alba.....	"	5	white	10	
" Freyeri.....	"	5	orange	10	
" mixed.....	"	5	various	10	Charming pot plants for easy culture.
*Torenia Bailloni.....	hhB	1	yellow	25	
" Fournieri.....	"	1	blue	25	
Tritoma Uvaria.....	hhP	4	red	10	Red-hot Poker plant.
Tropaeolum Lobbianam... oz. 10	hha	6	various	10	Brilliant climbing plants for verandas, trellis, large vases etc.
" Spitfire.....	"	6	scarlet	10	
" peregrinum can. fl.....	"	10	yellow	5	
*Verbena mammoth mx. oz. \$2 00	hhP	spr.	various	5	The Verbena is deservedly the universal favorite. The seed of the finest mixed is from the finest flowers in cultivation.
" finest mixed oz. 5 00	"	"	"	5	
" scarlet.....	"	"	scarlet	10	
" white.....	"	"	white	10	Fine as pot plant in Winter, or for the border in Summer.
*Vinca alba.....	tP	2	"	10	
" rosea.....	"	2	rose	10	
" alba oculata.....	"	2	d. eye	10	Delightfully fragrant
*Violet sweet scented	hP	1	blue	10	
" The Czar.....	"	1	"	5	
Wallflower single.....	hhP	2	mixed	5	An old-fashioned fragrant
" double.....	"	2	"	10	
*Whitlavia grandiflora.....	ha	1	purple	5	
" gloxinoides.....	"	2	b. & w.	5	Pretty bell-shaped flowers.
Wild Cucumber.....	"	20	white	5	A fast-growing ornamental vine
Wild Flower Garden.....	"	"	"	5	
Zinnia elegans double... oz. 50c	hha	5	mixed	5	
" haageana fl. pl.....	"	10	orange	10	Brilliant flowers of many shades of color.

### AMMONIATED FLOWER FOOD

A dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants free from vermin.

This Ammoniated food was the first odorless chemical preparation made and sold in this country. It is made expressly for flowers grown in the house, garden, or conservatory, and contains the same plant food as stable dressing, but in a cleaner and more soluble form.

Price 15 cents per package

## ROSEBUSHES, BULBS ETC.

**Hardy Roses.** Two year old, Holland grown, our own importation. We carry the largest assortment of **Rose-bushes** in the state. Both hardy and ever blooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

**American Beauty.** Rich, rosy-crimson. Very large.

**F. K. Druschki, White American Beauty.** Very large, pure snow white.

**Baroness Rothschild.** Bright, rosy pink. Immense size.

**Crimson Rambler.** Immense cluster bright red flower—very quick grower and hardy.

**Thalia, White Rambler.** Same as Crimson, cut with pure white blooms, hardy.

**Aglaya Yellow Rambler.** Yellow blooms in big clusters, hardy.

**Euphrosine Pink Rambler.**

**Genl. Jack.** Large, brilliant blood red blooms. Fine Bloomer

**La France Pink.** One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.

**La France Red.** Large blooms of brilliant rose pink almost crimson

**La France White.** Same as above two, but blooms are pure white. Very free bloomer.

**Marchal Neil** Large, clear yellow. Ever bloomer.

**Magna Charta.** Rosy crimson. Large buds and blooms.

**Mrs. John Laing.** Clear shining pink, beautifully shaded

**P. des Blanches**

**U. Brunner.** Cherry red.

**Perle de Lyon.** Deep golden. Ever bloomer.

**Paul Neyron.** Dark rose, very large and fragrant.

Price 15c. each.

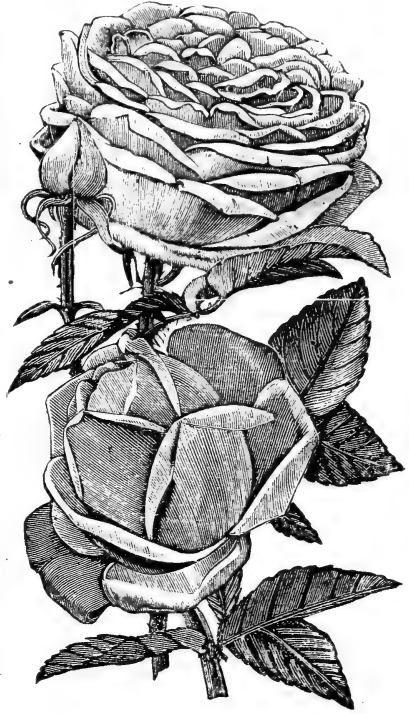
**Tuberose** One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May or as soon as the ground becomes warm. 1c. and 2c. each.

**Gladiolus, Extra Fine Mixed.** With a view to supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's hybrids and other best mixtures which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c. each; 25c. dozen.

**Dahlias** Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 10c. each.

**Caladium Esculentum.** Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil; but to get the best results plant in rich soil and give plenty of water. 5c. 10c., 15c. each.

**Pæonies.** No other plant flowering at the same season can vie with the Pæony for beauty. They are perfectly hardy, requiring no protection whatever are not troubled with insects or disease, and once planted take care of themselves. Price 20c. each.



TEA ROSES.



GLADIOLUS



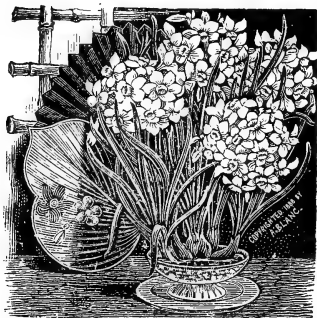
TUBE ROSE



DAHLIAS



HYACINTHS



NARCISSUS



ROSES—LARGE ASSORTMENT

**BULBS—Continued**

**Cannas.** Extra strong roots  
5c. each.

**Rhododendrons.** Fine  
large plants, Holland  
Grown, \$1.00

**Hydrangeas,** fine quality,  
Holland Grown.

**Snow Ball.**

**Clematis,** for verandas and  
trellises, Holland Grown.

**Flowering Bulbs for  
Autumn Planting**

Being pioneers in the  
Bulb line for over fifty  
years we are in a position  
to give you the best value  
for the least money. It is  
poor economy buying un-  
reliable Bulbs, for its sim-  
ply love's labor lost. We  
want to gain your confi-  
dence, and if once gained,  
we assure you we will re-  
tain it and give you what  
you ask for without sub-  
stituting.

**HYACINTHS**

**Hyacinths, Double.** Light  
blue, white, dark blue  
and yellow.

**Hyacinths, Single.** Blue,  
pink, yellow, white.

**Hyacinths, Roman.** Blue,  
pink, white, etc.

**TULIPS**

**Tulips, Single.** Mixed.

**Tulips, Double.** Mixed.

**Tulips, Single Chrysolora**  
Yellow.

**Tulips, Single Artus Red.**

**Tulips, Single La Imman-  
uelae.** White.

**NARCISSUS**

**Narcissus, Single.** 1 i d.

**Narcissus, Double.** Mixed

**Narcissus, Von Sion Dou-  
ble.** Yellow.

**Narcissus, Paper white,**  
single white.

**Narcissus, Trumpet Ma-  
jor, Single.** Yellow.

**Narcissus, Double, White.**

**Crocus.** Blues, striped,  
white and yellow.

**Lillies, Easter, (Lillium)**  
Hanisu.)

**Lillies, Calla.**

**Lillies, Chinese.**

**Snowdrops.**

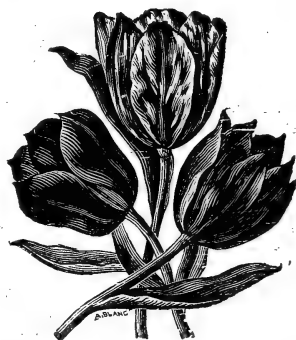
**Jonquilles.**

**Freesia**

**Oxalis, etc.**



HYACINTHS



TULIPS



EASTER LILLIES



## PRICES OF GARDEN ARCHES AND VERANDA TRELLISES

VERANDA  
TRELLISES

GARDEN ARCHES

### GARDEN ARCHES

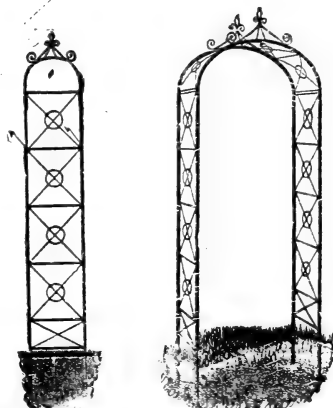
Height	Width	Span	Price each Painted Green
5 feet	12 inches	2½ feet	\$ 4 00
6 "	12 "	2½ "	4 50
8 "	18 "	4 "	8 00
8 "	36 "	4 "	12 00

### VERANDA TRELLISES

Any size Arbor or Trellis made to order

Height	Width	Price each
5 feet	12 inches	\$1 25
6 "	12 "	1 50
8 "	18 "	2 50
10 "	18 "	3 50
12 "	18 "	5 00

Arches are crated knocked down for shipment.



Made of Steel and Wire

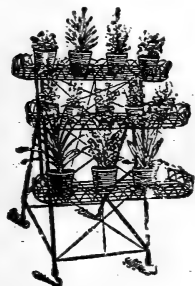


### FLOWER BED GUARD

16 inches high 10 cents a foot  
 22 " " " 12 " "

### THE WHEELLOCK TRELLIS

13 inches wide	10 cents a foot
19 " "	12 " "



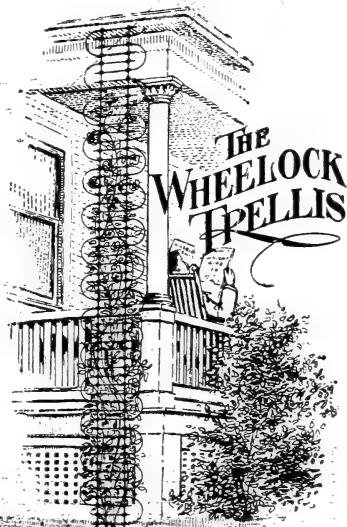
### WIRE AND WOOD FLOWER STANDS

1 Step Wire Flower Stand 24 in.	\$1 00
1 " " " " 30 "	1 75
2 " " " " " "	2 50
3 " " " " " "	3 50
3 " Wood " " " "	1 00
4 " " " " " "	1 75

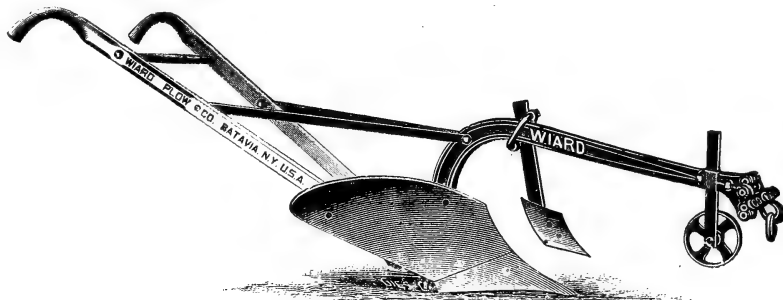


NO. 37 MOSS BASKET

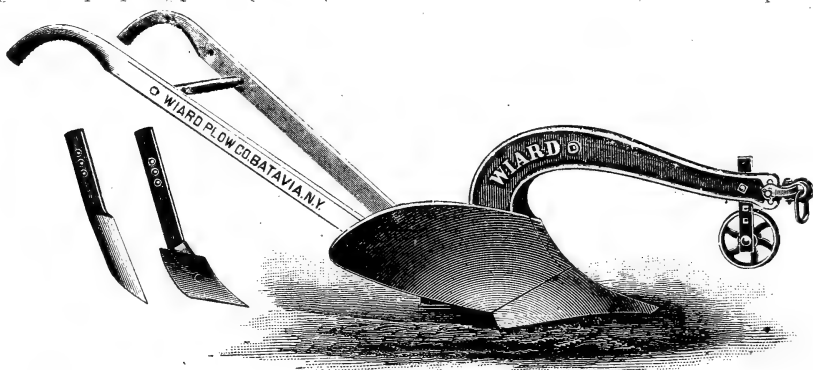
	Per doz.	Each
5 inches across top	\$2 00	\$0 20
8 " " "	2 50	25



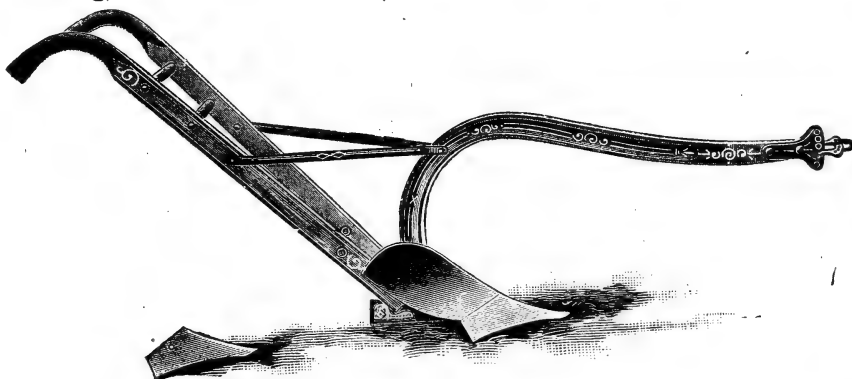
## THE WIARD PLOW



- No. 100—Right hand with Steel Moldboard, Grooved Steel Beam, light but very strong. Weight 106 lbs. Full rigged ..... \$13 98  
 No. 43—Same as No. 100, except it has a chilled Moldboard—NEW THIS YEAR—for general purpose, plowing in any soil and under all conditions: it has no equal.... 11 98



- No. 200—Two horse, Cast Beam, Full Rigged ..... \$ 9 00  
 A medium priced plow with finely shaped moldboard, shin piece and every other requirement of a strong, durable and serviceable plow. Will last a lifetime.



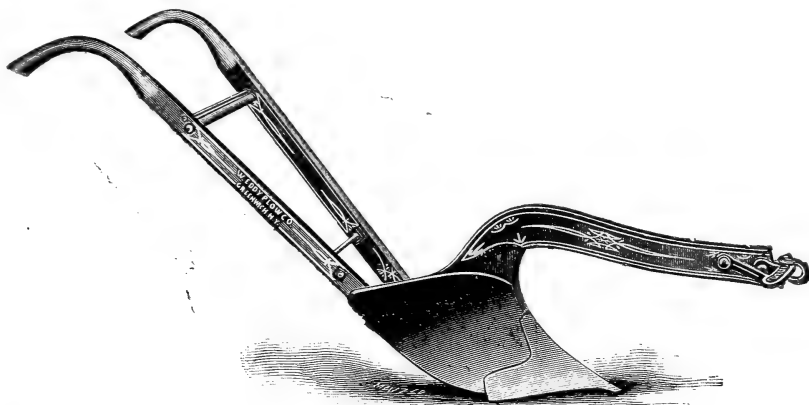
Our New B. O. Steel Beam 1 Horse Plow, with extra Share, only \$ 4 98.

We have embodied several improvements which make it the best of its class on the market. The handles are braced with two solid steel braces which makes it perfectly rigid.

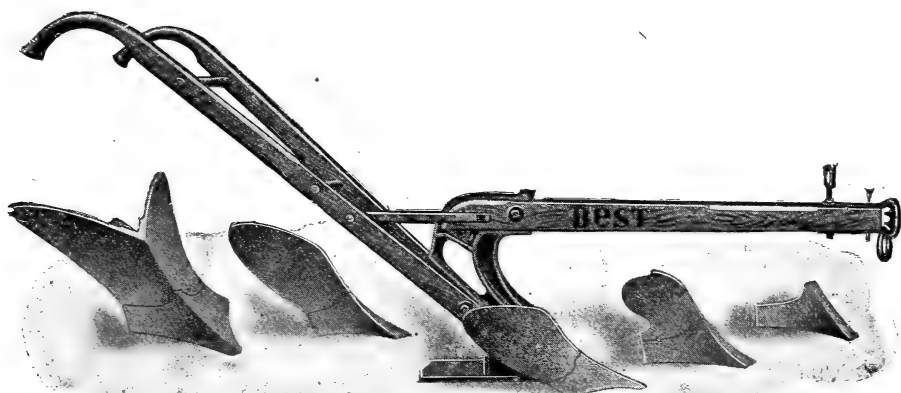
- |  |         |
|--|---------|
| Price with extra Share.....  | \$ 4 98 |
| No. 72—Light Two horse, Steel Beam, Right hand.....  | 11 98   |
| No. 17—Two-horse Wooden Beam, full Rigged, Chilled Moldboard.....  | 11 98   |
| No. 62—Small One-horse, Wood Beam, with Clevis only.....   | 3 98    |
| No. 31—Light One-horse, Wood Beam, with Clevis only.....   | 5 50    |
| No. 91—Two-horse, Steel Beam, Right-hand.....  | \$11 98 |
| No. 10—One-horse. Wood Beam. Right-hand, Chilled Moldboard, Adjustable Handles for height and running close to rows..... | 6 50    |

REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK

No. 115x—Swivel, Light Two-horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis.....	\$13 15
No. 21—Swivel, One-horse, Cast Moldboard, Wood Beam.....	7 98
Weeder—7½ feet wide, 35 adjustable spring steel teeth.....	7 98



No. 24—One-horse. Cuts 10 Inches, Weight 50 lbs.....	\$5 48
It has Clevis that permits horse to walk in furrow. An excellent Plow. Low in price. Chilled Iron. Landside chilled on bottom; is very strong and convenient.	



#### THE BEST PLOW.

This is the best one-horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shears that come with the plow, the purchaser actually has four plows in one. Price complete..... \$4 98

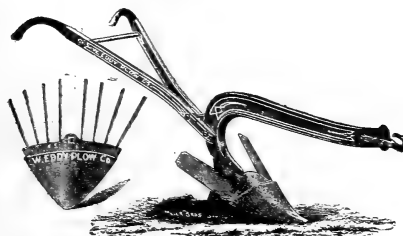
No. 1½ Moldboard and Share makes a large one-horse Plow

No. 2½ Moldboard and Share making a medium sized one-horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

#### MITCHELL POTATO DIGGER AND SHOVEL PLOW COMBINED.

Price with wings only.....	\$5 00
" " Potato Digger.....	6 00
" " Wing and Potato Digger attachment.....	7 98

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a Shovel Plow or Potato Digger. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light strong and durable.



## Darnell's Patent Furrower and Marker

In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

We have a genial ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

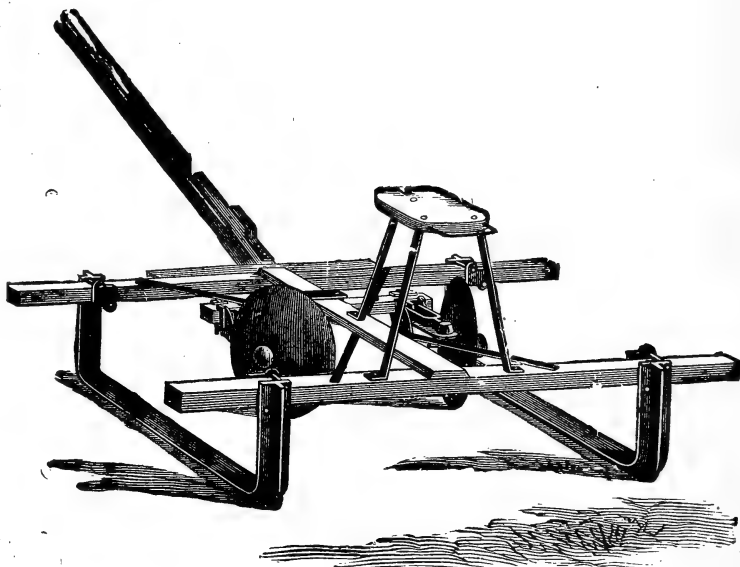
We ride while he walks.

We bring into requisition the services of our boy, if busy ourselves,

while nothing short of a man, and a good one, too, can handle the plow.

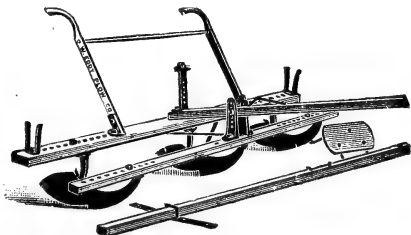
We open two furrows while he opens one in clean ground, and do it better.

Price \$18.00

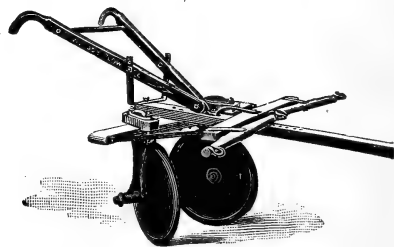


### THE EDDY IMPROVED MARKER

These Markers have chilled Shoes or Runners with steel wings bolted on, and may be easily replaced when worn. Frames made of seasoned oak firmly braced and bolted together, arranged with holes permitting the adjustment of the shoes to any width desired. Gauge is adjustable and swings to either side. It will save time enough to pay for it in one season, also improve the looks of your fields. Price.....\$11 00



### EDDY'S NO. 10 DISK HOE AND COVER



The Eddy Disc Hoe and Coverer have 20 inch steel Discs, adjustable handles and are invaluable for covering and ridging all kinds of row crops. Adjustable in every way it is one of the best implements on the market.

Price.....\$10 00

### ACME ASPARAGUS BUNCHER

A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent.

Price.....\$1.75



## "Planet Jr." Farm and Garden Tools.

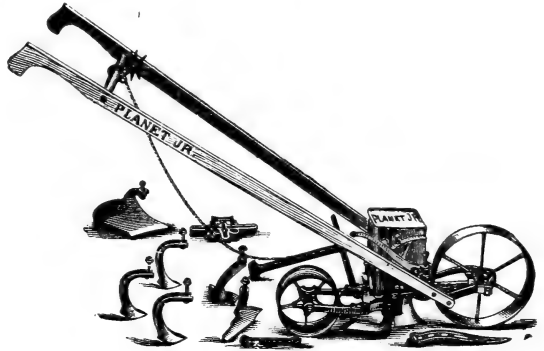
### "Planet Jr." No. 4

COMBINED SEED DRILL SINGLE  
WHEEL HOE, CULTIVATOR  
AND PLOW

Price complete \$10 50  
" Hill and Drill Seeder only 8 50

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator.

It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.



### "PLANET JR." No. 12 Double Wheel Hoe, Cultivator and Plow.

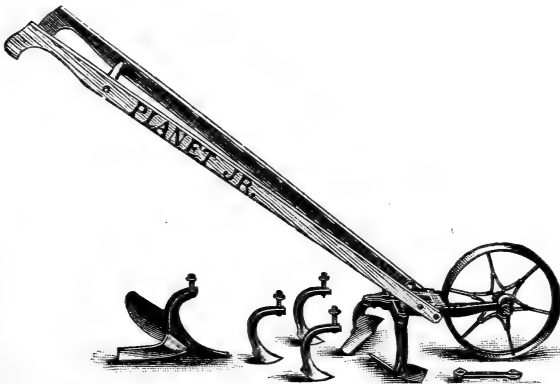


This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts. All the blades are of tempered and polished steel.

PRICE \$6 50

### Planet Jr. No. 13 Double Wheel Hoe Price \$4.50

This tool is the No. 12 with 6-inch hoes only, these being the tools that are used by everybody. Any or all of the tools shown with No. 12 may be added at any time.



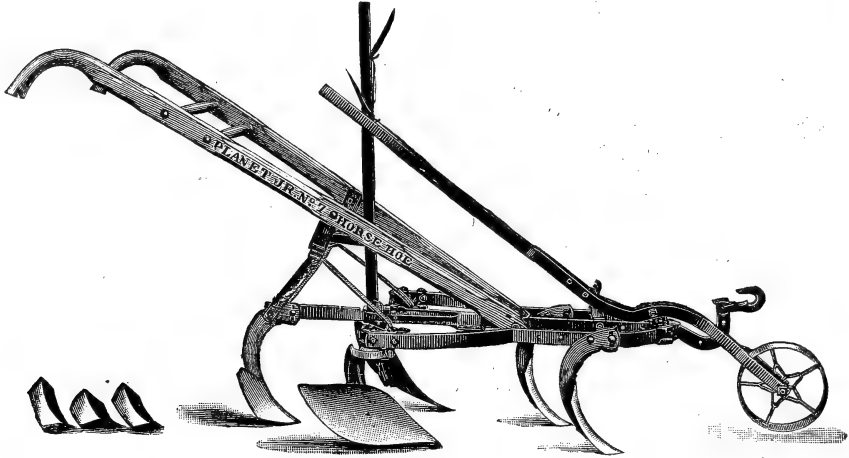
### Planet Jr. No. 17 Single Wheel Hoe, Cultivator and plow.

PRICE \$4 75

For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of this, No. 17 Single Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

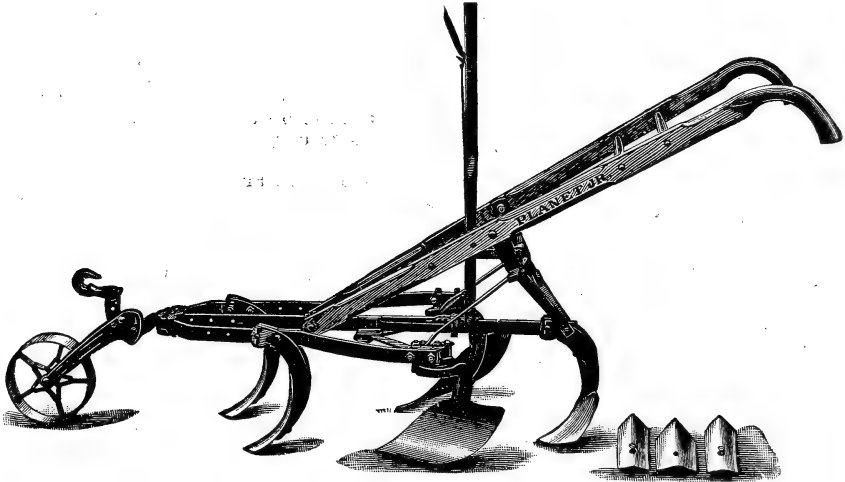
### Planet Jr. No. 18 Single Wheel Hoe. Price \$3.50 Net

This tool has the same frame and handles as No. 17 but has one pair of 6-inch hoes only—the tools that are most constantly used throughout the season. All other tools can be added as needed.

**Planet Jr. No. 7 Horse Hoe and Cultivator.****Price \$7.98**

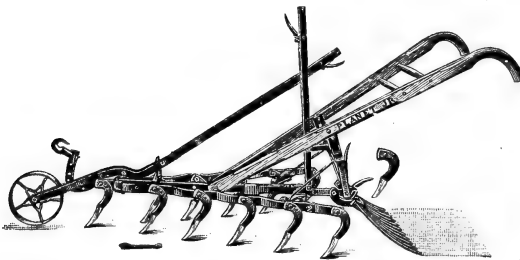
This new cultivator is strongly built to withstand incredible strain, yet it is light and easy to handle. You can do almost anything you want with it in the garden or field. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to and from the row and throws back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width.

**PLANET JR. NO. 9 HORSE HOE AND CULTIVATOR. PRICE \$7.25**



This Admirable Tool is identical with No. 7, except that it has a piano wheel instead of the lever wheel. It has the high frame, patented hollow steel standards, patent lever Star wheel patent lever expander, and new hollow steel wheel arms.

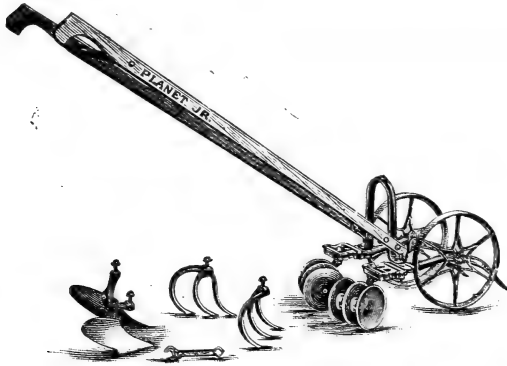
**PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER**



Price with lever wheel and pulverizer	\$8.50
“ with No. 9 wheel	6.40
“ less wheel and pulverizer	5.70

Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adapted to his purposes. With the Twelve-Tooth Harrow here shown, you go as deep or shallow as you like, come up close to the row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a

special favorite with strawberry growers, market gardeners and truckers.



### New No. 14 Planet Jr. Double-Wheel Disc-Hoe, Cultivator and Plow

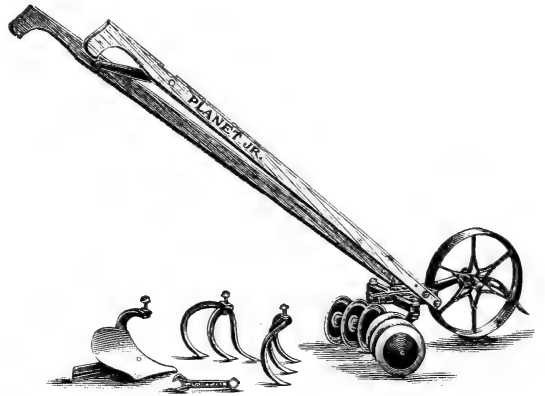
Has three adjustable discs on each side, a pair of new-idea pronged cultivator teeth that run shallow next the row, steels for plowing, furrowing and covering, and a pair of leaf lifters

PRICE, COMPLETE, \$8.00 NET

### No. 38 Planet Jr. Single-Wheel Disc-Hoe, Cultivator and Plow

Is a handy tool for quick thorough garden cultivation. The new style cultivator teeth run shallow next the row, and the leaf-lifter prevents injury to plants. Discs are adjustable for depth, and throw to or from the rows.

PRICE, COMPLETE, \$7.00 NET



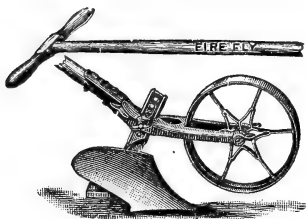
## STEEL HOE AND CULTIVATOR



This is our new Steel Hoe and Cultivator. It has an expanded lever with an adjustable wheel. Will find it a first class tool at low price..... \$4.98

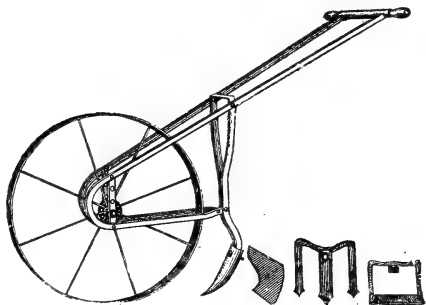


**PLANET JR.**  
**Fire Fly Garden Plow**  
**PRICE \$2.25**



**NEW SINGLE WHEEL HOE**

A First Class Article at a Low Price  
 ONLY \$3.98



Rubber Bucket Pumps and Extra Fittings



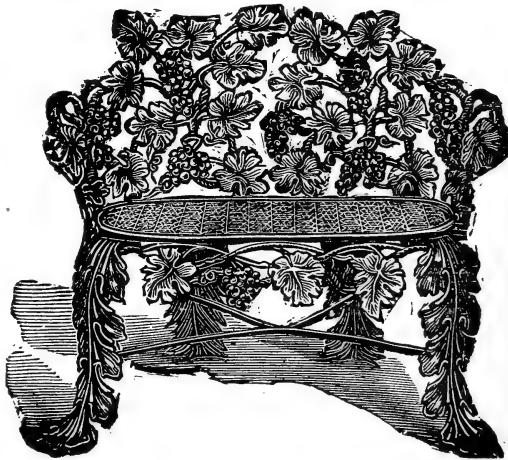
**WATERING POTS**

Japanned..... 15c to 59c

Galvanized..... 35c to 98c

Extension spouts for galvanized cans extra

**Muzzy Bros. "Park" Settee**



No. 3 Six feet long, bolted slats..... \$4 48

This is a strong, well made and neatly finished Settee. The timber used in its construction is of the best quality, straight grained and tough. Ash is the wood used unless otherwise ordered.

No. 20 Lawn Settee..... \$0 75

No. 27 Lawn Settee, narrow screwed slats..... 98

No. 28 Lawn Settee, narrow screwed slats

Extra large..... 1 50

Galvanized Iron Grape Vine, 3 seat..... 12 50

Galvanized Wire..... 8 50

Galvanized Iron, 1 seat..... 4 00



Six Tine Manure  
Fork,  
Strapped, 98c.



Five Tine Manure  
Fork,  
Strapped, 89c.



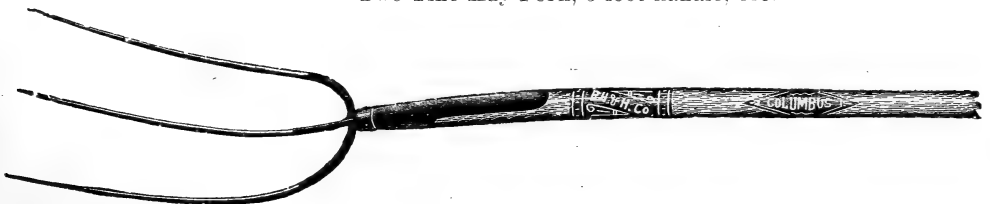
Four Tine Spading  
Fork. Strapped 75c.  
Plain, 59c.



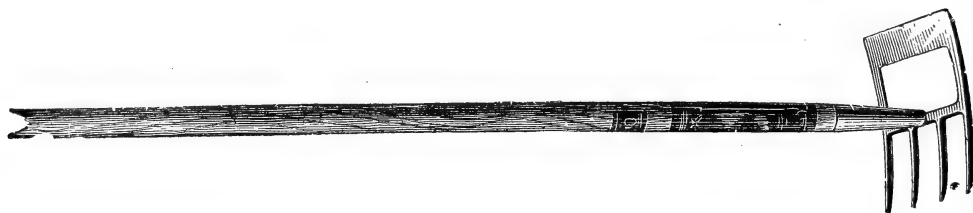
Five Tine  
Spading Fork.  
Strapped, 98c.



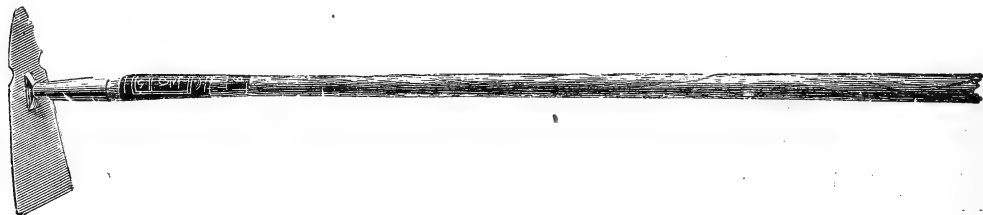
Two Tine Hay Fork, 5 foot handle, 38c.



Three Tine Hay Fork, 5 ft. handle, plain, 50c. Strapped, 60c. 5½ ft. handle, plain, 55c. Strapped, 65c



Two Prong Onion Hoe, 30c. Four Prong Weeding Hoe, Malleable, 25c.  
Six Prong Weeding Hoe, Malleable 25c.



One Prong Onion Hoe, 25c. Two Prong Onion Hoe, 30c.



Four Prong Potato  
Hook 45c.



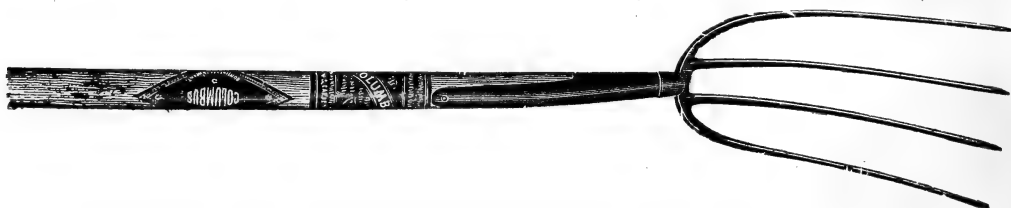
Four Prong Potato  
Hook, Heavy, 50c.



Six Prong Potato  
Hook, 60c.



Socket Field Hoe 40c.  
Riveted, 25c.

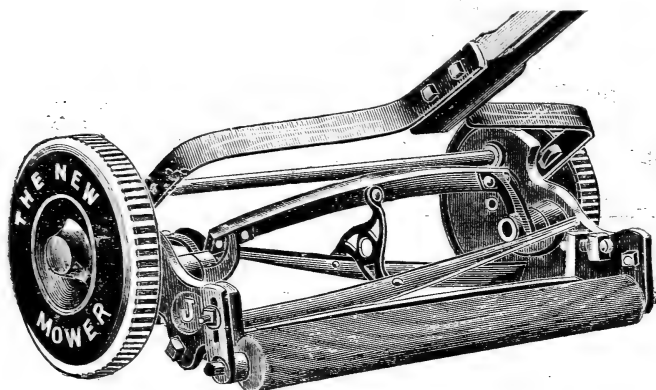


Four Tine Manure Fork, Strapped, 70c. Plain 55c.

## LAWN MOWERS

All of our different styles of **Lawn Mowers** this year are made by the **Philadelphia Lawn Mower Co.**, the Largest and Best Manufacturers of Lawn Mowers in the **World**. Our cheapest as well as our most expensive Mowers being made by this firm, we are the **SOLE AGENTS** in this section of the State

### THE NEW PATERSON MOWER \$2.25



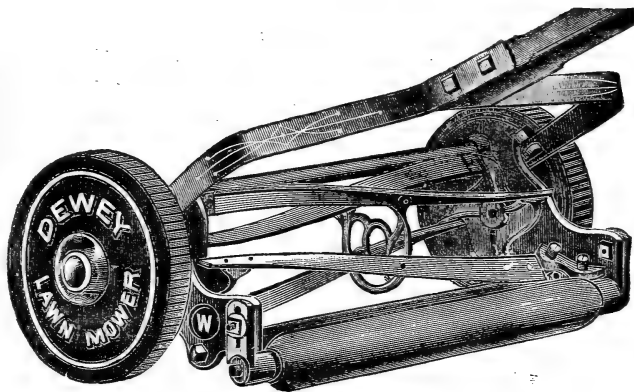
The New Paterson Lawn Mower, 3 blades. Height of driving wheels, 8 inches. Diameter of cylinder, 5 1/2 in. Geared on both wheels. This is the best cheap mower on the market.

Price, all sizes. \$2.25

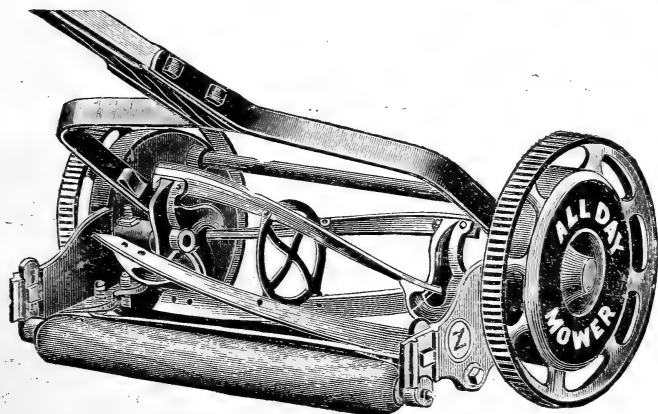
### THE MUZZY LAWN MOWER, \$3.48

The Muzzy Lawn Mower, 4 blades, height driving wheels 9 inches. Geared on both wheels. Does good work and superior to many of the so-called first class mowers.

Price, all sizes, \$3.48



### MUZZY HIGH WHEEL MOWER, \$4.50 UP



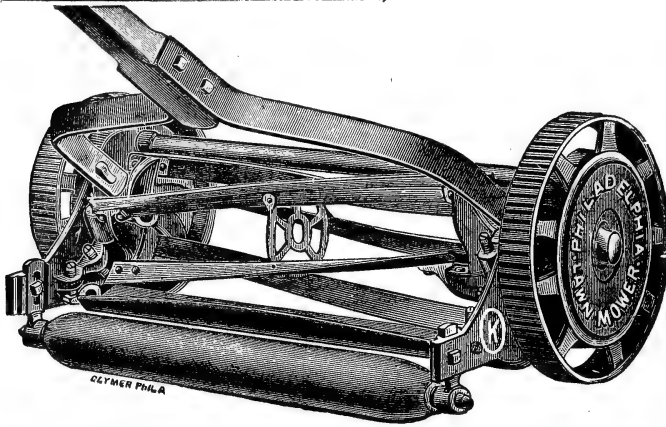
The Muzzy High Wheel Mower, 4 blades, 10 inch wheel.

**Most Popular Ever Made**

Its construction is superior to all others of a like kind.

#### PRICES

14 in .....	\$4.50
16 in .....	5.00
18 in .....	5.50



## PHILADELPHIA MOWERS

Style K

5 blades, 10 inch wheel.

Best Mower made

## PRICES

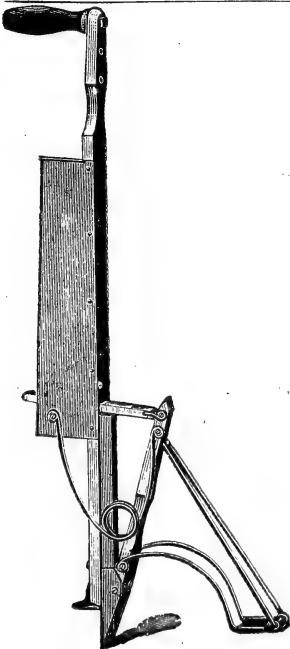
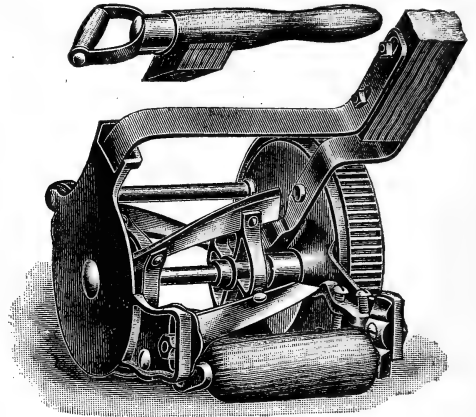
14 in .....	\$7 50
16 in .....	8 00
18 in .....	8 75
20 in .....	9 50

## LAWN TRIMMER

For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower.

Cuts within  $\frac{1}{4}$  of an inch of the edge.

PRICE \$4.98

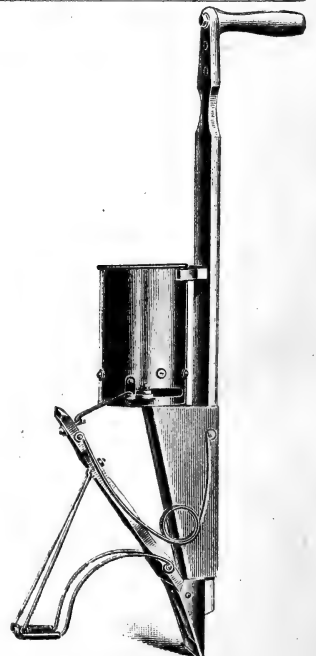


Wiard, \$1.50

## Hand Corn Planters. AUTOMATIC

Simple — Durable — Economical

The Farmer Saves three-fourths the time consumed in the old laborious method of Planting with a hoe by using these tools.

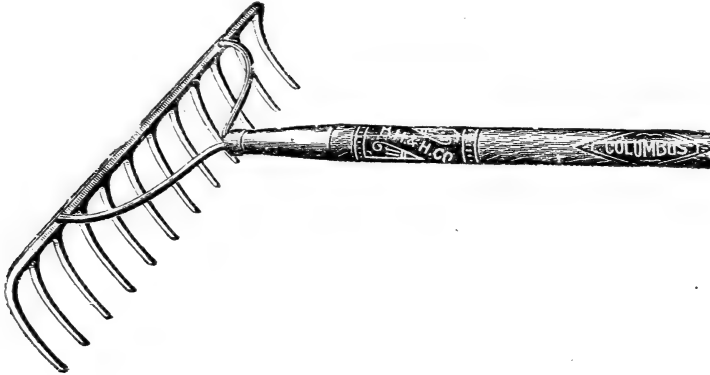


American, \$1.98

## RAKES AND SCYTHES

### LAWN RAKES

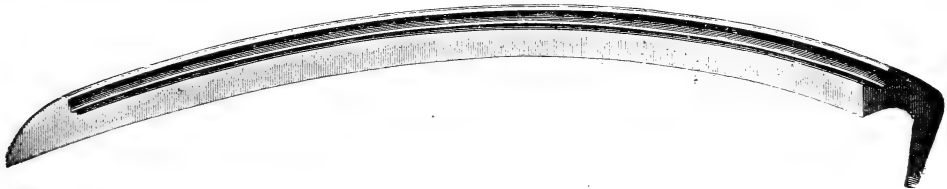
3 Bow Lawn Wood Bows.....	\$0 35	10 Tine Malleable Rake.....	\$0 19
Wire Lawn Rakes.....	35	12 Tine Malleable Rake.....	20
3 Bow Lawn Wire Bow.....	38	14 Tine Malleable Rake.....	25



### WOODEN HAY RAKES

Wire Bows, 15c., 20c., 25c., 30c., 35c.

10 Tine Cast Steel Rake, Plain, \$0 40	with Bow Brace.....	\$0 50
12 Tine Cast Steel Rake, Plain, 45	with Bow Brace.....	55
14 Tine Cast Steel Rake, Plain, 50	with Bow Brace.....	60
16 Tine Cast Steel Rake, Plain, 55	with Bow Brace.....	65



### SCYTHES

Blood's Ribbed Back. Nothing better.....	\$0 98
Blood's Plain Back, Polished.....	95
German. A high grade Scythe at a low price.....	98
English Lawn. An elegant tool for fine work.....	1 25
Bush Scythe. For rough work.....	75
Snaths. Patent, Plain and Bush, Scythe Stones and Rifles in variety.....	
Floral Sets, consisting of Hoe, Spade and Rake.....	10c., 25c., 39c., 75c., 1 00
Trowels.....	3c., 5c., 10
Strawberry or Pruning Forks.....	5c., 10
Fruit Pickers Do not bruise fruit.....	35
Excelsior Weeder.....	05
Grafting Wax.....	1 lb. 10c., 1 lb. 15c., 1 lb. 25



English Grass

Hooks, 25 to 40 cents



Pruning Shears

19, 25, 40, 65 and 85 cents.  
Dibble, Iron or Wood  
Handle..... 30c

This tool is indispensable  
for planting small roots  
and plants; once tried the  
gardener will never dis-  
pense with it.



Garden Syringe, 50c. and upwards

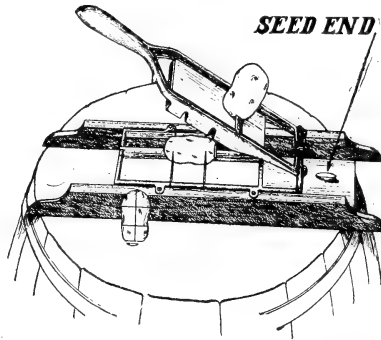


Pruning Saws

50c. and 70c.

## THE GEM SEED POTATO CUTTER

24 Inches  
Long  
8 Inches  
Wide  
Weight 8 lbs.



Cutter  
Will Last a  
Lifetime

Can You Afford  
to be  
Without One

The GEM SEED POTATO CUTTER shown herewith has all the essential features necessary to a first-class tool. It will cut any size potato in pieces uniform in size, thereby insuring more accurate planting when power planter is used. The operator, to get the best results, will pick up the tuber, look for the seed or blossom end, passing it over the knife on upper side of pressure lever, thus removing the cause of so many empty potato hills in your potato patch. Then according to size of potato, place it on knives so that when lever is pushed down it will be cut into either two, four or six; or if a very large one, split it and cut each half into as many pieces as its size will require. From six to eight bushels can be cut with it in an hour. The saving in time alone will more than pay for this cutter the first season it is used.

PRICE \$2.50

## THE "I AM IT" CIDER MILL

A combined Mill and Press with geared cylinder, and adjustable concave, so that grinding can be done as desired either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed—you need not poke the apples to the grinding disc.

Price.....\$9.50

### Wine and Cider Presses

Diameter of Tub.

No. 1	10 in	\$3 75
No. 2	12 in	4 50
No. 2½	13½ in	5 50
No. 3	15 in	6 98

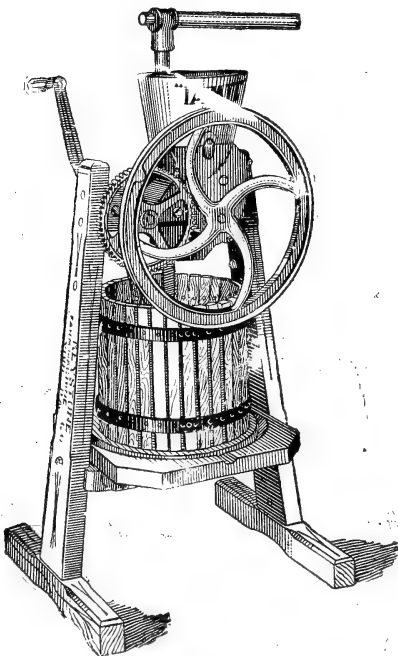
### Hutchinson Cider Mill

No. 0	8 50
No. 1	9 50

The Grinder No. 0 is the same size as No. 1 but the curb is smaller. The No. 1 will easily grind 10 bushels of apples or twelve of grapes per hour. The curb will contain the pomace of one and a half bushels of apples.

### CIDAR MILLS

Junior	\$14 50
Medium	17 50
Senior	22 50



PRICE \$9.50



SOLE AGENTS



# Royal Fence

Royal Farm Fence, 45 inch Price, per Rod (by roll) 30c.

DISTANCE BETWEEN BARS - INCHES		21 BARS	58 INCHES HIGH
5		20 BARS	53 INCHES HIGH
5		19 BARS	48 INCHES HIGH
4½			
4½			
4			
4			
3½			
3½			
3			
2½			
2½			
2			
2			
2			
2			
1½			
1½			
1½			

New Royal Poultry and Rabbit Fence. 48 inch Price per Rod (by roll) 40c. 58 inch Price per Rod (by roll) 45c.

## CYCLE BALL-BEARING STEEL FRAME GRINDSTONE



Solid Steel Frame with Seat, \$4.48

Stones 19 to 22 inches, 2 to 2 1/4 inches thick. Best Quality Berea grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making most rigid frame possible. Built on up-to-date mechanical Principals. Weight 85 lbs

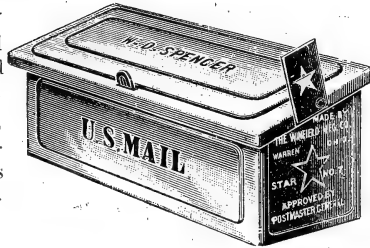
Price.....\$4.48

“ with Cycle Pipe Frame..... 4.98

## THE STAR R. F. D. MAIL BOXES

Approved by Postmaster General

High Grade Boxes at Reasonable Prices, that will please both the dealer and user. No solder or rivets are used in their manufacture, all joints being made by special machinery, leaving seams smooth and sightly and without rough edges.



No. 7, 98c. each

No. 1 Plain Galvanized, 75c.

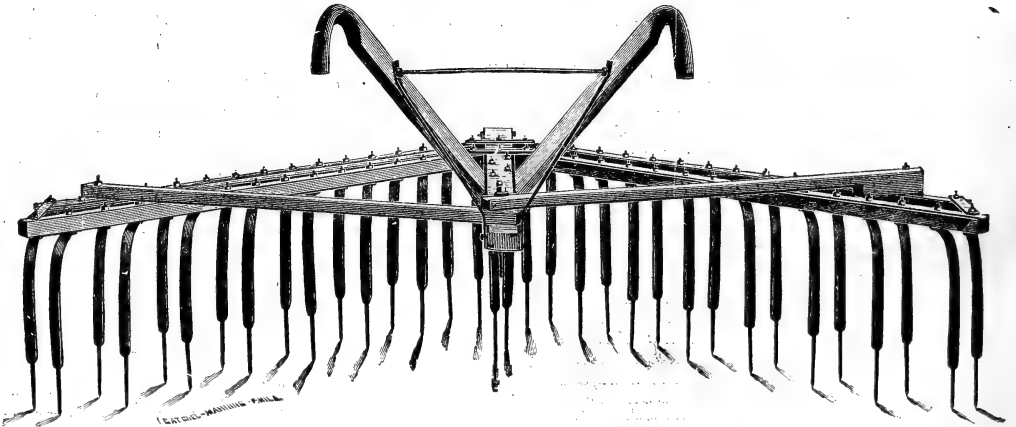
Rain, Dust and Wind Proof

No. 5 Plain Galvanized, 89c.

No. 7 Aluminum Bronzed 98c

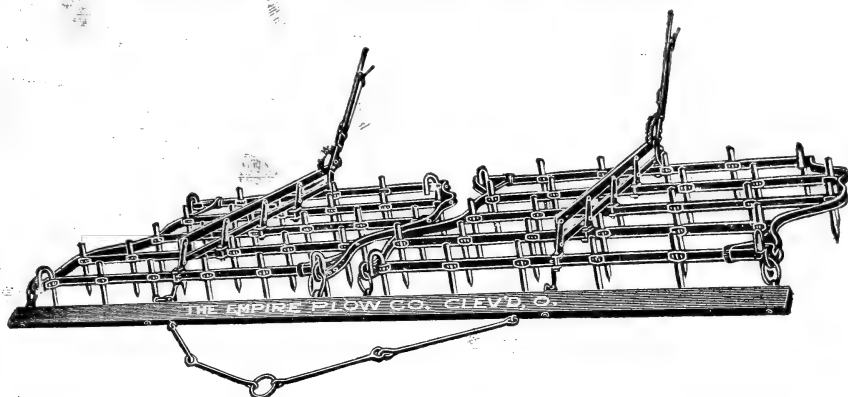
Strong, Sightly and every way desirable.

## KEYSTONE ADJUSTABLE WEEDER



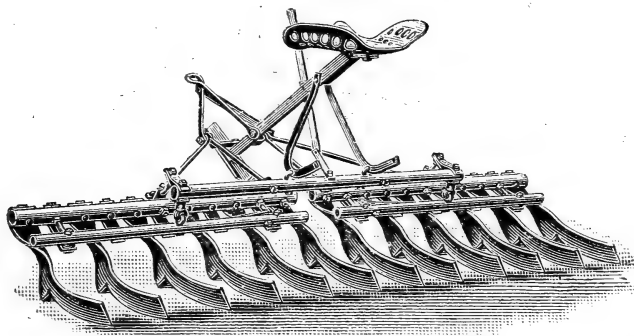
Keystone Adjustable Weeder, expands to 7 feet. Best weeder made, every one guaranteed. Try one, it will increase your crops.

## THE EMPIRE CLOSED END HARROW



The U-bars, channels, oscillating bars and teeth are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with 5-8 teeth. \$6 50 or in Two 30 tooth sections, with 5-8 teeth \$11 98

## ACME HARROW, Pulverizing Harrow, Clod Crusher and Leveler



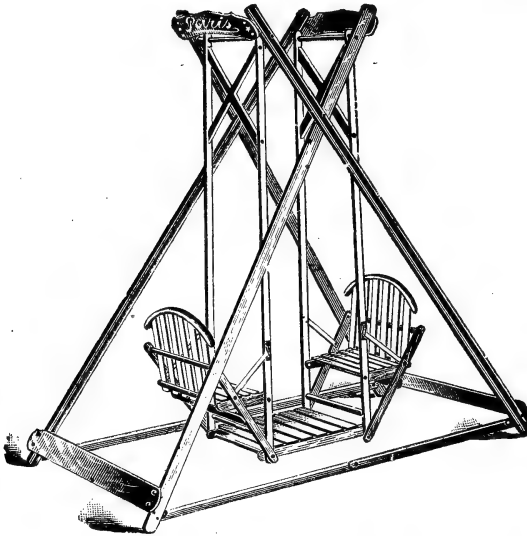
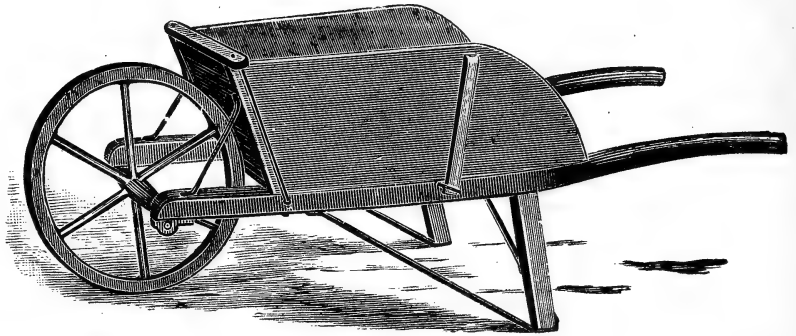
No. H Price, one-horse - - - \$14 00      No. 23 Flexible. Price - - - \$16 00



**STEEL TRAY  
CANAL BARROW**  
Price with Steel  
Wheel----- \$3 75  
Wooden Tray  
and Wooden  
Wheel bolted 1 75  
Wooden Tray  
and Steel  
Wheel bolted 1 89  
**IRON TUBULAR  
BARROWS**  
No. 4----- \$ 6 50  
No. 7----- 7 50  
No. 2-D----- 10 00

### Dutchess Bolted Garden Barrow

- No. 2-B. Boys' size  
\$2 75  
No. 3-C. Medium  
size \$3 25  
No. 4-D. Large size  
\$3 75  
No. 1½ Steel Wheel  
\$3 98

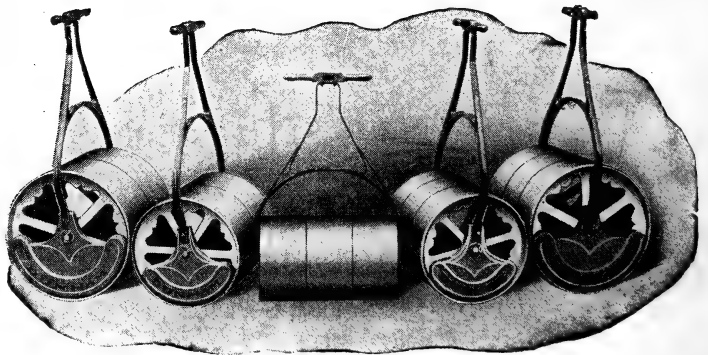


PRICE \$3.98

### Dunham Roller Bearing Lawn Rollers (Patented)

Price List of Standard Sizes  
Length and weight  
precisely as listed

Rollers are smooth on face  
and aluminum finish, outer  
edges rounded to avoid cutting  
up the lawn.



No.	Diameter Inches	Length Inches	Sections	Weight Pounds	Price
402	15	24	3	200	\$ 9 98
404	20	20	2	250	11 98
407	20	24	2	300	13 50

### THE FAIRFIELD LAWN SWING

Easily leads all others in the market for the following reasons:

First: Because it is built upon the best mechanical principals—and thus combines the maximum of strength with the minimum of weight, and weds safety with durability.

Its notable lightness makes it easy to handle, while a scientific construction renders it remarkably easy to operate, and secures to it a peculiarly attractive and pleasing appearance.

'Tis "Fair," to claim that nothing now in the "field" equals the

"FAIRFIELD" \$3.98

## INSECTICIDES AND REMEDIES FOR PLANT

### DISEASES

**Lemon Oil—Insecticide.** This well known article is in general use all over the country for destroying Scale, Mealy Bug, Green-fly or Alphis-Ant-Thrip-Caterpillar, etc., on Rose Bushes, Palms, Rubber Plants, etc. Dilute with water 30 to 50 parts.  $\frac{1}{2}$  pt., 25c.; pt., 40c.; qt., 75c.;  $\frac{1}{2}$  gal., \$1 25; gal., \$2 00

**White Hellebore.** An excellent remedy against currant worms, rose slugs, caterpillars, etc. Can be used either dry or in water. 15c. per lb.

**Whale Oil Soap.** One of the most effective agents used for destroying scale bug, plant lice and all other insects, injurious to vegetation. Price 1 lb. box, 15c; 2 lb. box 25c.

**Standard Fly and Germ Killer.** It is a thorough disinfectant and germicide. Protects horses and cows from the torture of flies. The **Lightning Insect Exterminator No. 1** discharges the preparation in a fine, broad spray without waste and using but very little. Fifty cows can be sprayed in a few moments. 60c. per gallon

**Pratt's Scalecide.** It will positively destroy all soft-bodied, sucking insects, including all forms of the dreadful "Scale." It is simple, cheap easily applied and wonderfully effective. Endorsed by government experiment stations, agricultural schools and thousands of fruit growers.



**Sulphur, Powdered.** A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.

**Hammond's Slug Shot.** An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco, and Cabbage plants, Tomatoes, Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering Plants. 5 lb. pkg., 30c.

**Strictly Pure Paris Green.** Market price.

**Double Ground Land Plaster.** Per 100 lb. bag 50c.



Price 10c.

## SULPHO-TOBACCO SOAP

### A Wonderful and Inexpensive Insecticide

**Sulpho-Tobacco Soap** is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

Destroys cabbage-, squash- and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Of special value for spraying shrubs, fruit-trees and vines.

**3-oz. Cake** makes  $1\frac{1}{2}$  gallons prepared solution. **10 cents.**  
Mailed, postpaid, for **13 cents.**

**8-oz. Cake** makes 4 gallons prepared solution. **20 cents.**  
Mailed, postpaid, for **28 cents.**

**10-lb. Cake** makes 80 gallons prepared solution. **By Express, \$3.00.**

Free with every order, "*The Window Garden*," a booklet by **Eben E. Rexford**, giving valuable information on the cultivation of plants and the extermination of insects.



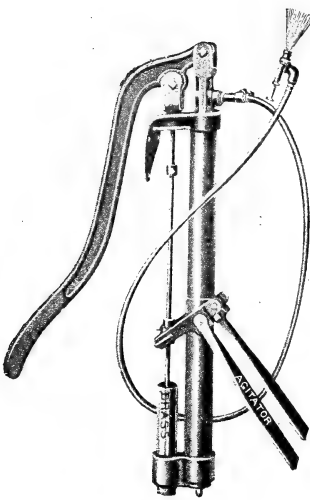
## BORDEAUX MIXTURE OR FUNGIROID

For all fungous diseases, such as mildew, and the various rots of the grape. Full directions on label. Dry, 1 lb. box 25c. 5 lbs. and over at 20c. per lb. 50 lbs. for \$7 00; liquid, 1 qt., 35c.; 1 gal., \$1 00

### ROSE NICOTINE

Most powerful insect and Parasite Destroyer known. Guaranteed to kill Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House bugs or Vermin.

1 lb. 10c. 3 lbs. 25c.



PUMP NO 25

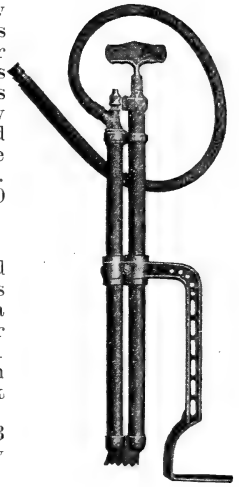
Price \$6.98

**"Fruitall," Spray Pump.** "Fruitall" Spray Pump is made on the same general lines as the famous "Pomona"; it is, however, lighter and of smaller capacity. All working parts including plunger, gland, valves, valve seats and strainer are made of bronze. Regularly fitted with wing agitator similar to one used on "Pomona," and which has proved to be the best type. Not made for side of barrel. Price with hose complete, no barrel \$12.00

#### "Premier" Brass Bucket Pump

"Premier" is arranged with suction and discharge hose and spray nozzle. With this nozzle a solid stream may be thrown, or a fine spray. Pump has brass cylinder, plunger and rod. It is particularly adapted for washing windows and wagons, spraying plants in conservatories, greenhouses, etc. Its weight is only eight pounds.

Price with 2½ feet ¾ inch suction and 3 feet 3-8 inch discharge hose, "Seneca" Spray Nozzle and Strainer, \$5.98



#### LIGHTNING ALL BRASS SPRAY PUMP

This spray pump is constructed entirely of brass, so it is not affected by the arsenates

Price \$3.50

used for spraying fruit trees etc. The operator is enabled to keep a constant pressure of 50 to 100 pounds at the nozzle with very ordinary exertion. Will throw a solid stream 50 feet, or make a fine spray by adjustment of the nozzle. When spraying, a fine jet at the bottom keeps the solution thoroughly stirred. Price \$35.0. See cut.

#### LIGHTNING BARREL SPRAY PUMP NO. 25

This pump has great capacity, and will throw a continuous stream, or any sized spray desired, by the use of our graduating nozzle. The air is compressed into the air chamber, thereby giving an unbroken stream, and making it the most rapid spraying pump made. The agitator thoroughly stirs the liquids and prevents the same from settling. It is adapted for all kinds of spraying, whitewashing, etc. Price, \$6.98. See cut,



#### GLASS TANK SPRAYER

A general utility sprayer, adapted to all liquid Disinfecting and Poison Preparations for Orchard, Field and Garden, as well as for use on Cattle, Horses, Sheep, Swine and Poultry:

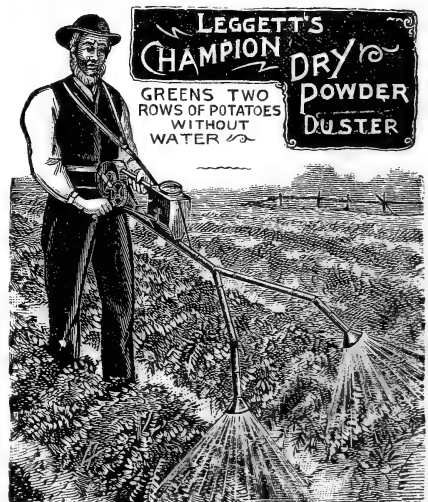
Capacity One Qt.  
Price 65 cents.  
1908 Pattern.

#### CHAMPION DRY POWDER GUN

For applying dry Paris Green, Hellebore, etc., to plants and trees, the powder being evenly distributed

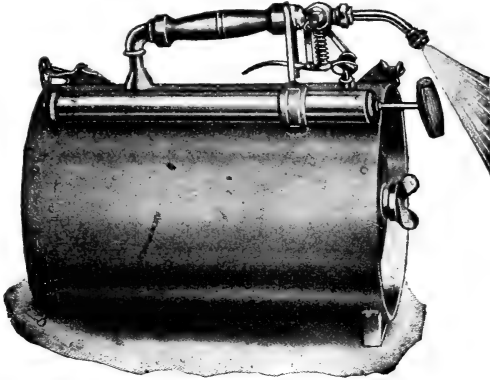
over a wide space with the least possible waste. The quantity may be regulated as desired.

Price \$7.00



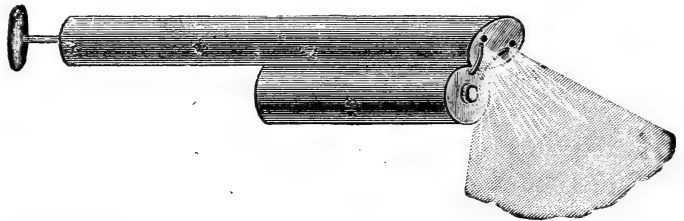
**"LIGHTNING" WHITEWASH SPRAYER**

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chambers and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc. Galvanized iron, \$2.25, brass, \$2.75



**The Lowell Fountain Compressed Air Sprayer**  
One pumping will expell entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. The Automatic Thumb Lever Valve is at all times under complete controll of operator, hence none of the solution is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable couplings for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity 3 gallons. Price \$4.98

**The "Lowell" Blow Powder Sprayer** is fitted with a Ball Valve which is positive in its action, preventing any powder being drawn back into the pump—thus insuring at all times a perfect working machine. Adapted to Paris Green, Slug Shot, Bug Finish, Lice Powder and all Dry Powder Disinfectants and Poisons. Aluminum finish. **Caution:**—Powder must be thoroughly dry. Price 50c.

**STEEL FRAME FREEZER****THE NORTH POLE****ALL METAL FREEZER**

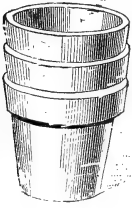
Price, 1 qt. \$1.00 2 qt. \$1.30

THE NORTH POLE is absolutely the ONLY practical and thoroughly dependable all-metal freezer. It must not be confused with any of the flimsy, cheap "Tin Freezers", so called, but is in a class by itself. It is extremely simple and is constructed on the same lines and of identically the same materials as our higher priced freezers with exception of a metal tub.

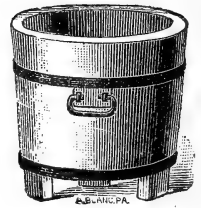
The Steel Frame Freezer has a Triple Motion. Can revolves from right to left, outer beater from left to right and the inner beater in the opposite direction. Under ordinary conditions it will produce in about 3 minutes a thoroughly beaten, smooth velvety cream.

Prices, 2 qt. \$1.98 3 qt. \$2.25 4 pt. \$2.69 6 qt. \$3.69 8 qt. \$4.69





Tree Tubs.	No. 1 Round	.....	\$0 98
" "	" 2 "	.....	1 39
" "	" 3 "	.....	1 75
" "	" 4 "	.....	2 50
" "	Small Square	.....	98
" "	Medium "	.....	1 39
" "	Large "	.....	1 50



Flower Pots. Finest quality machine made in sizes 2 1/2 inches to 14 inches.

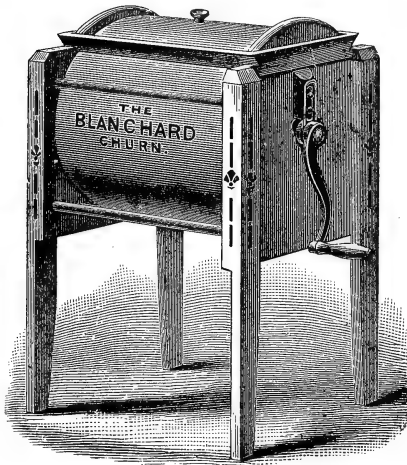
Inurated Fiber Rolling Stands for large flower pots and tree tubs

Scollay Rubber Sprinklers. 40c. 65c. and \$1.00

Flowers and Clothes Sprinklers, 35 cents.

Dahlia Poles, 2, 3, 4, 5 and 6 feet.

### THE BLANCHARD CHURN



The body of the churn being Cylindrical, all the cream is churned alike and at the same time making streak butter impossible. This is conceded by all to be the best churn on the market.

#### Price List Family Sizes.

No.	Will Hold	Will Churn	Price
3	4 gals.	2 gals.	\$4.50
4	8 "	4 "	5.25
5	16 "	8 "	5.98
6	24 "	12 "	7.50
*7	32 "	16 "	9.00

\*This size has crank on each end

### THE CYLINDER

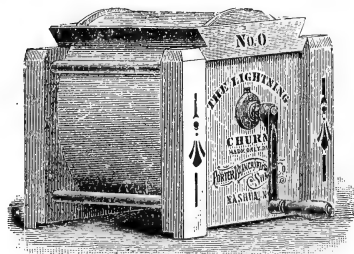
#### PRICE LIST

No. 0	.....	\$1 90
No. 1	.....	2 00
No. 2	.....	2 65
No. 3	.....	3 00
No. 4	.....	3 75

Superior in materials and workmanship. Made from specially selected stock and highly finished. Acknowledged the best Cylinder churn on the market.



### THE LIGHTNING CHURN



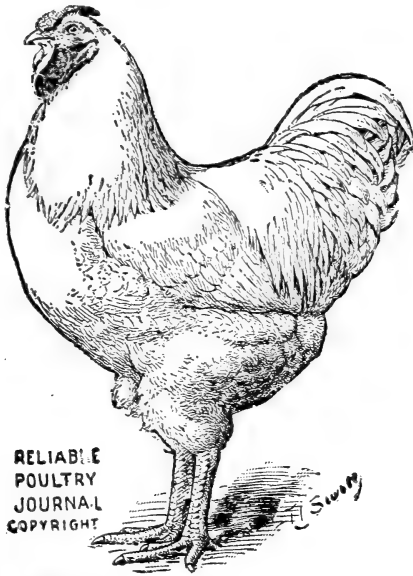
"GET THE BEST." This has been made to supply the demand for a small cheap churn. It is strong and durable, with no parts to get out of order. It is a double dasher, and will churn quickly if desired.

#### SIZES AND PRICES

No.	Will Hold	Will Churn	Price
0	4 gals.	2 gals.	\$2 25
1	6 "	3 "	2 75
2	8 "	4 "	3 25
3	10 "	5 "	3 75

WE CARRY IN STOCK, DASH CHURNS, ALL SIZES.





## HIGH GRADE Poultry ~~AND~~ Pigeon Supplies

The great need to poultrymen is for a dependable main ration, which shall be the basis of all feeding—something which, with necessary changes for age of fowls, may be used continuously from the beginning to the end of the feeding operations.

The line of poultry feeds hereafter given is believed to furnish the base for the best system for scientific feeding of poultry that is available.

### "QUEEN" Poultry Mash A Poultry Need

The mash with many poultrymen enters largely into the feeding plan.

The theory is that it is easily digested warms up the fowl's system, causes the blood to circulate properly and thus gives health, strength and good feeling. It is a select mixture of ground feeds made from choicest, sound, sweet, wholesome grain. It contains absolutely nothing but what is of real value and is at the same time a growing and a health food, a molting food and an egg-producer.

50 lb. Bag at \$1.25. 100 lb. Bag at \$2.25

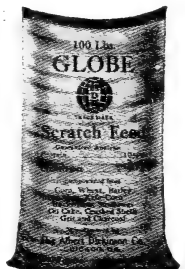


### SCRATCH FOOD

For Grown Fowls, Suitable at All Seasons

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon; late in the afternoon feed all the mash food they will clean up.

50 lb. Bag at \$1.15. 100 lb. Bag at \$2.00



### BEEF SCRAP

Standard Meat Food for Poultry of All Ages

High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor Beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

100 lb. Bag at \$3.25

### The "SUN" Chick Starter A Baby Chick Feed

This is the food to start chicks right. In size and in contents it is adapted to the wants of chicks for the first twenty days.

It contains the elements of growth and it is a food the chicks can digest.

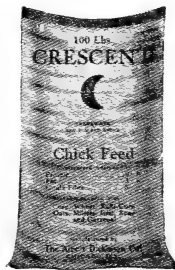
50 lb. Bag at \$1.50 100 lb. Bag at \$2.75



### "CRESCENT" Chick Feed for the Growing Stage

The Crescent Chick Feed is designed to take the little chicks where the "Starter" leaves off, at about the age of twenty days, and carry them through to the end of the eighth week.

50 lb. Bag at \$1.38. 100 lb. Bag at \$2.50



### DEVELOPING FOOD

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

50 lb. Bag at \$1.25. 100 lb. Bag at \$2.25

### LAYING FOOD

A ground food ready for the mash made up of carefully selected materials that will greatly increase the production of eggs. The use of this food will greatly increase the profits of the poultry raiser and cannot be too highly recommended.

50 lb. Bag at \$1.52. 100 lb. Bag at \$2.25

**PRATT'S POULTRY FOOD**

A specially prepared and highly nutritious food. Used at all the principal shows all over the world. The most successful food for all kinds of poultry.

1 lb. at 10c.; 25 lb. at 7c.; 100 lbs. \$5 50

**MUZZY "PIGEON FEED" A SQUAB****DEVELOPER**

Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier, the man raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting, finds in our Pigeon Feed a combination suited to his needs.

50 lb. Bag \$1 25. 100 lb. at \$2 25

**CHARCOAL**

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades;

No. 2. Fine, for use on mash mixtures;

No. 1. Medium, for small chicks.

No. 0. Coarse, for fowls.

1 lb. 3c.; 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 65c.;

100 lbs. \$1.90

**GROUND BONE, Fine and Granulated**

Ground Bone is made from the Dry Bone and contains Phosphates, Lime and Protein and is especially valued as an egg producer.

5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 88c.; 100 \$2 50

**CUT ALFALFA CLOVER**

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Mealed Alfalfa is a boon to poultryman. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

5 lbs. 15c. 10 lbs. 25c. 25 lbs. 60c. 50 lbs.

\$1.10 100 lbs. \$1.90

**CUT RED CLOVER**

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

5 lbs. 15c. 10 lbs. 25c. 25 lbs. 60c. 50 lbs.

\$1.15 100 lbs. \$2.00

**CRUSHED OYSTER SHELLS**

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb. 1c., 5 lbs. 5c., 25 lbs. 25c., 100 lbs. 50c.

**CRYSTAL GRIT**

We supply 4 sizes of Grit No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb. 2c., 5 lbs. 10c., 25 lbs. 35c., 100 lbs. 70c.

**FOUST'S HEALTH GRIT**

1 lb. 3c., 5 lbs. 15c., 10 lbs. 30c., 25 lbs. 75c., 100 lbs. \$2.00.

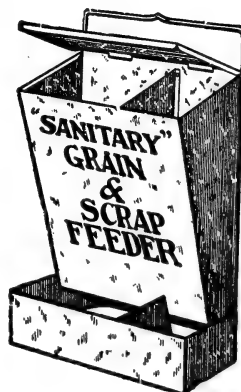
**SEEDS AND GRAINS**

We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kafir Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

**GRIT AND SHELL BOX**

Sanitary grit and shell boxes make a material saving on grit and oyster shells, ground bone, charcoal or poultry foods. They are practical self feeding boxes made of heavy galvanized iron.

50 cents each.

**SANITARY DRY FOOD BOX**

Dry Food hopper is a practical labor and food saving device for feeding dry grain, whole or ground.

75 cents each

**STONE POULTRY FOUNTAINS**

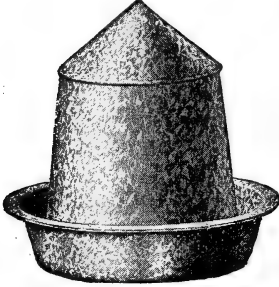
1 qt. 20c., 2 qt. 25c.

4 qt. 30c., 8 qt. 35c.



### SANITARY GALVANIZED IRON DRINKING FOUNTAINS

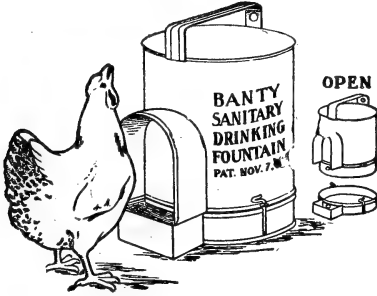
In assorted sizes and styles  
1 gal. 50c. 2 gal. 85c.



### CONE TOP GAL- VANIZED IRON FOUNTAINS

1 qt.	-----	\$0 19
2 "	-----	25
4 "	-----	35
8 "	-----	55

### BANTY' SANITARY DRINKING FOUNTAIN

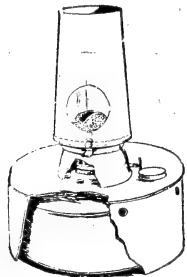


This is one of the Best Fountains on the market. It can easily be taken apart and cleaned. It can be placed on the ground or hung on the wall. These are made of heavy galvanized iron and suitable for either poultry or pigeons.

#### Three Sizes

1/2 gal.	-----	\$0 50
1 gal.	-----	75
2 gal.	-----	98

### INCUBATOR AND BROODER LAMPS



With seamless founts drawn  
in one piece and galvanized  
after drawing.

- 7 inch by 2 1/4, No. 2 burner,  
and chimney, 75c.  
7 inch by 2 1/4, No. 3 burner  
and chimney, 98c.

### ZERO INCUBATOR AND BROODER LAMP

\$1.00 each

### PORCELAIN NEST EGGS

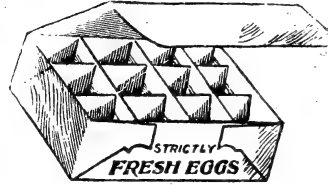
These eggs are made of first class flint and do not break and will last indefinitely.

Price 2c. each. 3 for 5c. doz. 18c.

### ANTISEPTIC NEST EGGS

5c. each or 6 for 25c.

### PAPER EGG BOXES



Just the thing  
for your family  
egg trade, they  
ship knocked  
down can easily  
be set up.

Extra heavy:  
1 doz. size 15c.  
dozen. 90c.

for 100. In 1000 lots, \$6 50. Regular 1 doz. size 12c. per dozen, 80c. 100 and \$5 50 1000.

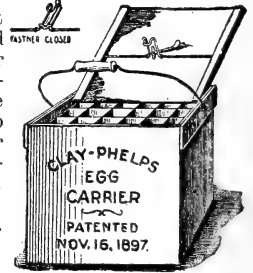
we carry a good wood box of good pine stock and Egg Spring Holders. Best thing made for shipping. Write for price.

### RELIABLE EGG CARRIER

Is made with on adjust-  
able cover and a patent  
combination lifter and  
fastner, which is far  
superior to other simi-  
lar devices now on the  
market. There is no  
more durable or better  
carrier Made. A neces-  
sity to all poultrymen.  
Prices are as follows:

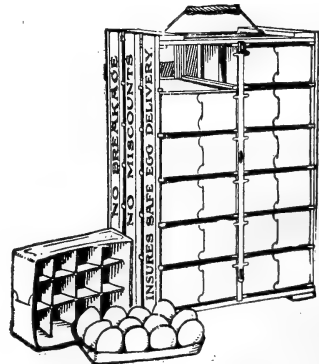
9 doz. size. each 45c.  
per doz. \$3 50.

12 doz. size each, 50c.  
Per dozen, \$5 00.



### Farmers Modern Egg Crate STAR EGG CARRIER

Insures Safe Egg Delivery.



No.6	-----	\$0 90
No.8	-----	1 00
No.12	-----	1 25

**X RAY EGG TESTER**

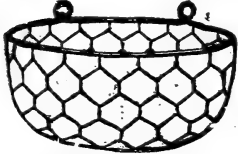
Will test 6 Eggs at once, very fine. Price, 50c.

**GEM FOLDING EGG TESTER**

A tester consisting of pasteboard and a strip of mirror. The tester has been in common use for years, is very popular and fills a longfelt want for something accurate and cheap. Price 25c.

**METALLIC EGG TESTER**

We manufacture what is probably the neatest and surest metallic egg tester on the market. It consists of a metal lamp chimney and tubular projection. Is made in two parts so the tubular projection can be removed and chimney used separately, 25c.

**WIRE CHICKEN NESTS**

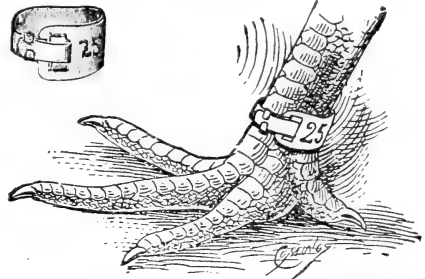
These nests are strongly made from heavy Japanned Steel wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgment of lice, vermin of any kind, easy to keep clean and far superior to wooden boxes.

Price each. 15c. per dozen, \$1.50.

**PIGEON NESTS**

Should be used by every pigeon fancier. Made of red clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

Price 10c. each. \$1.00 per dozen.

**IMPROVED CHAMPION LEG BANDS ALUMINUM**

This is a well known band, is one of the best on the market, is light and strong being held by a double lock, is impossible to come off.

15c. per dozen; 25 for 20c.; 50 for 35c.; 100 for 60c.

**SUPERIOR LEG BANDS**

Made from spring wire aluminum tag. Price 15c. per doz.; 60c. per 100.



Bands for marking Pigeons

**SPIR-OL**  
TRADE MARK  
**LEG BANDS**



Black, White, Blue, Pink  
Amber and Ruby

Mark each hen for her pen so that you know where she belongs at a glance.

Mark your old hens to distinguish them from the pullets so that you can catch the right one to kill at the first grab.

Price 25 cents per dozen \$1.50 per 100

**TAR ROOFING PAPER**

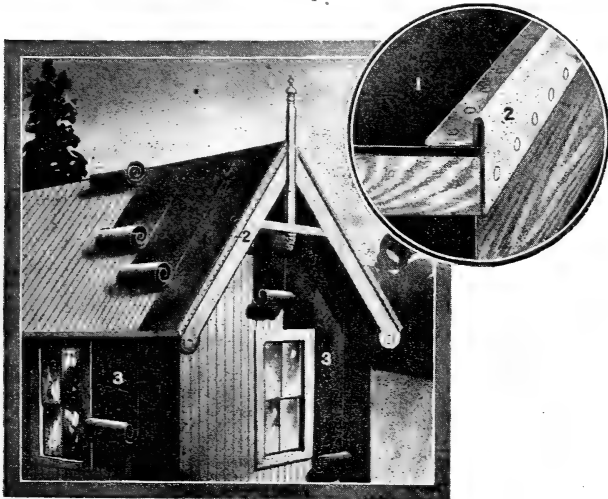
This paper is manufactured by a reliable manufacturer, is watertight, durable, strong, impervious to air and is not affected by heat or cold.

1 ply roll 24c. lb. 2 ply roll 70c. 3 ply roll 95c. Nails and Tins for above. Special price in large quantities.

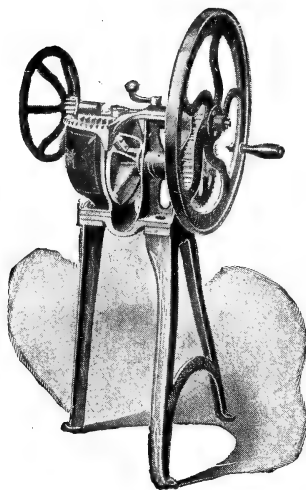
**AQUAROID ROOFING**

This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights.

1 Ply 35 lb.	\$1.40 per roll.
2 " 45 "	1.90 " "
3 " 50 "	2.40 " "



HUMPHREY NO. 1



## Humphrey Open Hopper Bone Cutter

The Humphrey Bone Cutter does better work because

It takes a large bone without any preliminary cutting with an axe, as it is necessary in many types of bone cutters.

It turns more easily;

It cuts more rapidly;

It does not break or get out of repair; and

It is easily kept clean.

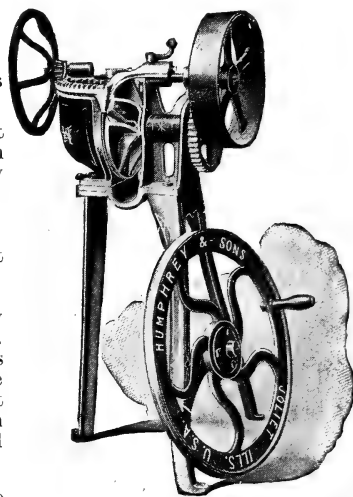
The construction is extremely simple yet strong and effective.

The Humphrey has an always open hopper and is entirely free from springs, screws and split nuts. It works with direct action and is freest from friction of all bone cutters.

### Price List

No.1—Hand Powder. Capacity, 10 to 200 hens. Weight, 120 pounds. Price \$12.00	No.1 Hand Power ----- \$12 00
	No.2½ Hand and Power ----- 15 00
	No.6 Direct Power ----- 22 00

HUMPHREY NO. 2½

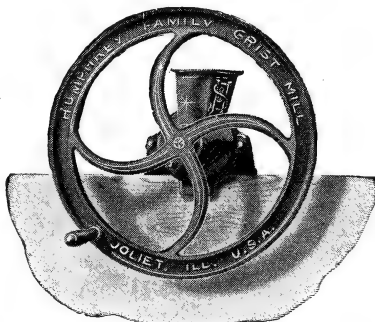


No 2½—Semi-Power, Capacity by hand, 200 hens; by power 600 hens. Weight 135 pounds. Pulley 12 x 2½, 300 revolutions; ¼ to 1 horse power. Price \$15.00

## THE HUMPHREY DRY BONE AND SHELL MILL

Is a combined roughing roll and plate grinding mill designed to grind dry bone oyster shell, crockery, charcoal, etc., and at the same time will grind shelled corn and other grains into coarse meal. Cracked corn is an ideal way to feed this grain and the Humphrey mill makes easy work of it. The grinding parts of the mill are made of hard white iron, and will last for years.

Just the machine for a poultry farm to make feed of the house refuse that otherwise would go to waste.



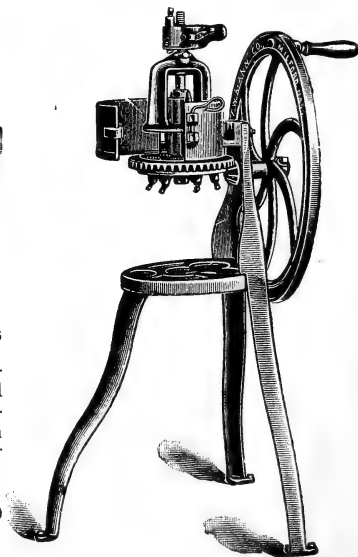
Dry Bone Mill \$4.25

## MANN'S Pat. Bone Cutters

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machine on the market today for cutting green bones.

No. 5 B \$8 00 No. 5 BM with legs, \$10 50

No. 7 with legs, \$12 00 No. 9 \$17 00



No. 7 Mann.

## LOWELL SPRAYER FOR SPRAYING LIQUID LICE KILLER



## LOWELL SPRAYER

It discharges the preparation in a very fine spray without waste, and uses very little.

Price per Gal Iron, 45c.

Brass, 75c.



**ANTISEPTIC NEST EGG**  
5c. each; 6 for 25c.

Rust's Egg Record, lasting one year, and excellent Poultry Booklet, FREE

## GET PLENTY OF EGGS



Feed does not contain everything needed, so eggs get scarce. Make the feed complete by adding

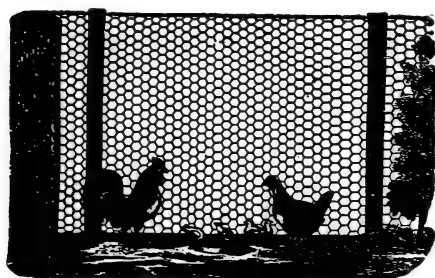
**RUST'S EGG PRODUCER**  
20 YEARS' SUCCESS

Prices—1 lb. 25c; 2 1/2 lb. 50c; 6 lb. \$1.00; 10 lb. \$1.50; 25 lb. \$3.50.

Refuse substitutes. Get a box of RUST'S EGG PRODUCER to-day.

Costs 2 cents a month for each hen to use RUST'S EGG PRODUCER

The best investment of its size on earth.



Wire 2-inch Mesh. 1 ft. 2 ft. 2 1/2 ft. 3 ft. 4 ft. 5 ft. 6 ft. No. 20 Wire 1 inch Mesh. 1 ft. 2 ft. 2 1/2 ft. 3 ft. 4 ft. Market Prices.

### VEGETABLE AND ROOT CUTTER



This handy invention is used for cutting up green food of different kinds for poultry, sheep, and cattle. It is a practical success. It is very easy to operate, cuts rapidly. It will cut all kinds of roots, including beets, turnips, etc., also cabbage and other similar vegetables. Green food prepared can be mixed with the soft food that is fed to fowls, and used in this way, there will be no waste whatever. Green food is essential to the health

or the fowls during the winter, and insures an increased egg yield. The accompanying cut shows the Reliable Vegetable Cutter all complete, ready for operation. **Price \$3 98**

### ROSE NICOTINE



Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth-worms, ants, also any house bugs or vermin. 10c. per pound.

### RUST'S HAVENS CLIMAX POWDER



CURES SICK FOWLS

AND

KEEPS THEM HEALTHY

50c.; \$1.00 etc. Booklet of valuable facts, also egg-record free.

### RUST'S HAVENS CLIMAX POWDER

For 20 years has cured Fowl Cholera, Gapes, etc., saving large numbers of fowls and making chicken and turkey-raising profitable. It also prevents disease and keeps fowls healthy. Once tried always used. Five sizes, 25c.,

### PROTECT YOUR HENS

From lice, mites, etc. Fowls cannot lay well, fatten well or sit well if infested with these parasites.

### RUST'S LICE-KILLING POWDER

kills all vermin and keeps vermin away. Does not affect the eggs.

Prices: 5 oz. box 10c. 16 oz. box 25c, 48 oz. box



### RUST'S HAVEN ROUP PILLS CURE

When everything else fails, 25c 50c. and \$1 00 per box.



**Rust's Soluble Roup Powder.** Is warranted equal to any soluble Roup preparation and is only 25c. per box.

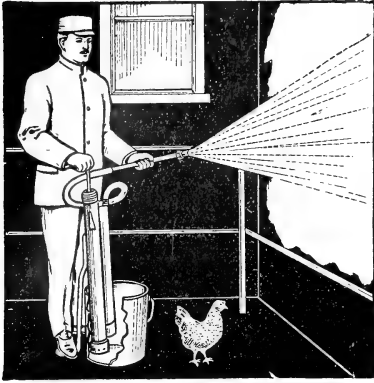
Muzzy Brothers Sole Agents for Paterson N. J.

For the past 30 years.

### Pure Sulphur Fumigating Candles

Price 5c. and 10c.





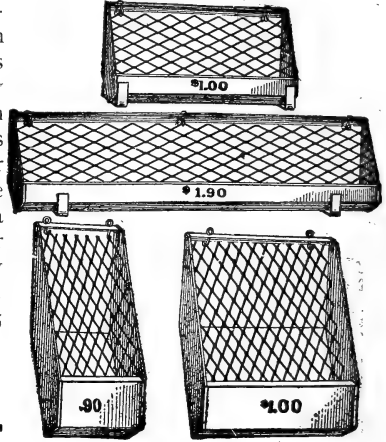
### WHITEWASH SPRAYER

This is the only spray pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves.

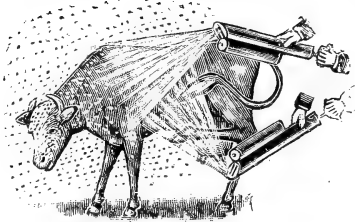
Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward strokes. Galvanized Iron \$2 25 Brass \$2.75

### "THE BOSTON" POULTRY DRY FEED HOPPER CO. BOSTON MASS. U.S.A.

PATENTED NOV. 12, '07.



### BOSTON HOPPER RAT PROOF



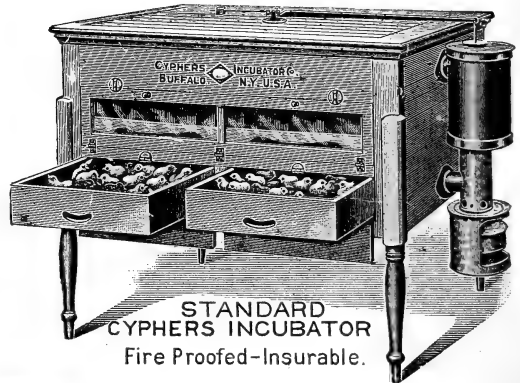
FLY-KILLER OIL 75c. gal.

These Hoppers are absolutely automatic and positive in their action. They cannot clog; they do not waste. They are made of galvanized iron with swinging grid (mesh) and hold from  $\frac{1}{2}$  peck to  $\frac{1}{2}$  bushel respectively, and will last a lifetime. Feed is always accessible and in sight, they save labor and grain (money).

## Sole Agents for CYPHERS Incubators and Brooders

### Cyphers Incubators

Cyphers Incubators help to make larger profits in raising Broilers, Roasters, and Capons. Become more successfully in chick rearing, and secure more profitable results in Egg Farming. Cyprus Incubators are in use and are recommended by leading Agricultural Experiment Stations, Largest Practical Poultry and Duck Plants and by Leading Fanciers.

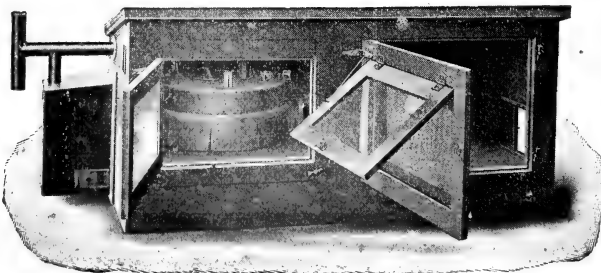


STANDARD CYPHERS INCUBATOR  
Fire Proofed-Insurable.

### Cyphers Brooders

(4 Styles and sizes)

The test of a Breeder is a number of Good Strong, Healthy chicks that are raised in it. Cyphers Brooders are Built for Business, they save your chicks by affording them a maximum of Heat and Fresh Air without drafts





## THE CYCLE HATCHER

The Cycle Hatcher is designed to take the place of the hen and the large clumsy incubators, and to carry out the development of the embryo chick in the egg to a living, healthy bird by a device approaching nearer to the stage of perfection in construction, operation and control of the moisture than anything on the market to date.

Holds 50 eggs, constructed entirely of metal, except insulation. Is self regulating, requires no supplied moisture and will last a lifetime.



Incubator and Brooder Combined \$8.50



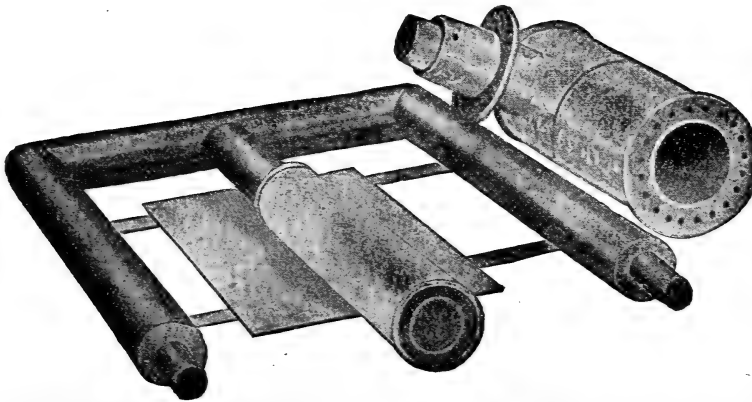
Hatcher Only \$6 50

## THE BROODER-HATCHER

Brooder-Hatchers are designed to do double duty and meet requirements of all classes of poultry raisers, the one raising but a few chickens annually as well as the large breeders raising thousands. They have some advantage over our regular Hatchers for hatching as they will stand a greater variation of temperature in the room in which they are operated as the nest is protected by the brooder.

Holds 50 eggs, compact, safe and practical incubator and Brooder combined. One lamp serving both purposes.

## TO MAKE A COMPLETE INCUBATOR.



Any one interested in owning an incubator can provide himself with the necessary metal fixtures at small cost; make the woodwork himself, and in the end own a machine which is equal to any he could buy for three times the money.

This will be readily understood when it is considered that he saves the entire cost of the woodwork, and

cost of labor of constructing it and putting the machine together; and that the parts we furnish are made by the best machinery known for the purpose, and are consequently both better and cheaper.

We furnish the essential parts of a 120-egg incubator, consisting of Lamp 6x2½, complete with No. 2 burner and chimney; Heating System complete, with Drum and Ventilator Plates and slides; and complete Regulator, all carefully packed with plans for making the machine, on cars at Louisville for

**Price \$4.50**

## DAIRY AND MILKMEN SUPPLIES

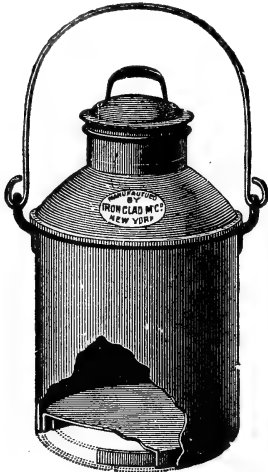
### Milk Bottles

No. 2 Common Sense 1 qt. doz, 65c, gross \$6 50  
 " " " 1 pt. " 50c. " 5 00  
 " " " ½ pt. " 48c. " 4 75

In 5 gross lots we quote lower prices. Name blown on bottles free in one gross lots.

### Milk Bottle Boxes

1 qt. size hold 12 bottles ¾ inch with cover \$1 10  
 1 " " " 12 " " " " 75



1 qt. size hold 12 bottles without cover ..... 60c.  
 1 qt. size hold 12 bottle 1 inch thick without cover 75c  
 1 pt. size hold 24 bottles, with cover ..... \$1.25

### Milk Pails

One quart to twenty quarts.

**10c. to 1.75**

### Milk Bottle Carriers

6-1 qt. Bottles 69c  
 8-1 qt. bottles 85c  
 Galvanized iron wire.  
 6 qt flat wire 75c.  
 8 qt " 98c.  
 both heavy

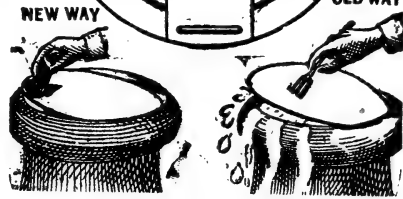
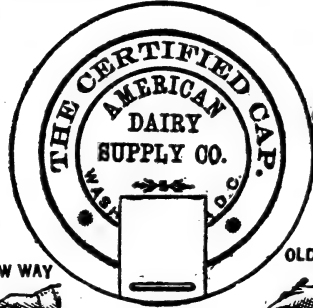
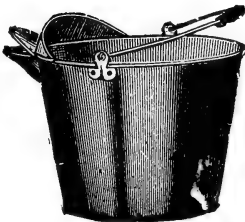
### Milk Cans

Iron clad Milk Cans, best Can manufactured.  
 20 quarts \$2 25  
 30 " 2 60  
 40 " 3 00

### Milk Pans

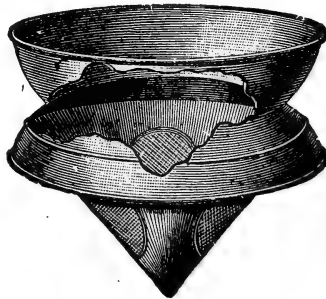
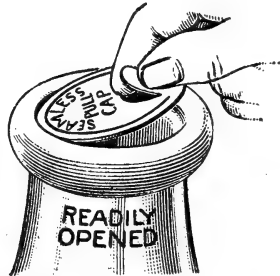
Tin, 10 to 15c,  
 Enameled Ware 15 to 35c.  
 Milk Bottle Brushes 10 to 35c.  
 Milk Can Brushes 5c. to 25c.

**DAIRY PAIL**  
 With Strainers 25c. to 95c.  
 Without Strainers 25c. to 45c.



### MILK CAPS

New Seamless Pull Cap, 35c. 1M \$1.50 5M  
 Heavy Waxed, Printed, 25c. 1M.: \$1.10 5M.  
 Heavy Waxed, with Lip, Printed, 25c. 1M. \$1.00 5m.  
 New Lip Cap. Lip will not pull off, 35c. 1M \$1 50 5M.  
 Thin Caps for Tin Top Bottles, 5 lbs. 50c.  
 Name and—address printed free on lots of 100M



**Milk Can Strainers**  
 Tuthill's 95c.

**Milk Skimmers**  
 5 cents

Dairy Thermometers, 15c. each.  
 Lactometers, Approved by the N. Y. Board of Health. to test the Quality of Milk, 50c. each.  
 Long Handle Measure for Milk Cans, 1 pint. 15c.. 1 quart, 18c.

## Foreign Names of Vegetables and Herbs

English	German	French	Italian	Holland
Anise	Anis, Grvener	Anis	Aniso, Anacio	Anijs
Artichoke	Arrischocke	Artichaut	Articocca	Artisjok
Asparagus	Spargel	Asperge	Sparagio	Aspersie
alm	Citronen Melisse	Melisse citronelle	Melissa	Citroen-Melisse
Basil	Basilikum	Basilic grand	Basilico	
Beans	Bohnen	Haricots	Fagioli	Booen
Beet	Ruebe	Betterave	Barbabetola	Bieten
Borage	Boretsch	Bourrache	Boragine	
Broccoli	Spargelkohl	Chou Brocoli	Cavol brocolo	
Brussels Sprouts	Roseukohl	Chou de Bruxelles	Cavolo agermaglia	Spruitkool
Cabbage	Kopfkohl, Kra	Chou pomme	Cavolo cappuccio	Slutkool
Cabbage Savoy	Wirsing	Chou de Milan	Cavolo di Milano	Sovooihool
Caraway	Feld Kuemmel	Chum des press	Carvi	Karvij
Carrot	Carroten, Moehren	Carotte	Carota	Wortelen
Cauliflower	Blummenkohl	Chou-fleur	Cavolo-flore	Bloemkool
Celery	Sellerie	Clerie	Sedano	Selderij
Celeriac	Knoll-Sellerie	Celere-rave	Se ano rapa	Knoise erij
Chervil	Kerbet	Cerfeuil	Cerfoglio	Kervil
Chicory	Chicoreen wurzel	Chicoree sauvage	Cicoria Wselvatica	
Corian er	Coriander	Coriandre	Coriandorio	Korlander
Corn Salad	Feldsalat	Mache	Valeriana	Veselia
Corn	Mais	Mais		
Cress	Garten Kresse	Cresson alenois	Agretto	Tunkers
Cress, Water	Brunnen Kresse	Cressoudefontaine	Nasturzio	Waterkers
Cucumber	Gurken	Concombre	Cotriolo	Komkomer
Dandelion	Loewenzohle	Pissenlit	Dente di leone	
Dill	Dille	aneth	Aheto	
Egg Plant	Eier Pflanzo	Aubergine	Pentonciano	
Fodive	Endiven	Cicoree-Endive	Indivia	Andijive
Fennel	Fenchel	Fenouli	Pinnocchio	Nedkel
Garlick	Knoblauch	Ali	Agho	Knoflook
Horse Radish	Meer Rettig	Ranifort sauvage	Rafano	Peperwortel
Hyssop	Isop	Hyssope	Issopo	Hijsoop
Kale	Blaetterkohl	Chou vert	Cavolo verde	Boerkool
Kohlrabi	Knolkohl	Chou-rave	Cavolo rapa	Koolrabi
Lavender	Lavendel	Lavende	Lavada	
Leek	Porre Lauch	Poireau	Porro	Prei
Lettuce	Lattich Kopfsalat	Laitue	Lattuga	Kropsia
Marjoram	Marjoram	Marjolaine	Maggiarana	Marjolijn
Melon	Melone	Melon	Popone	Meloen
Melon, Water	Wasser-Melone	Melon d'eau	Cocamera	
Mushroom	Kchwamm	Champignon	Fungo pratajole	Kampernoelle
Nasturtium	Kupciner Kresse	Capucine	Nasturzio	Kapucine-kers
Okra	Ocher	Gomboud	Ibisco	
Onion	Zwiebel	Ognon	Cipollo	Ci Uien
Parsley	Patersille	Persil	Prezzemolo	Petersellt
Parsnip	Pastinake	Panais	Pastinaca	Pinksternadel
Peas	Erbsen	Pois	Pisello	Erwten
Pepper	Pfeffer	Piment	Peperone	Spaansch Pyre
Pumpkin	Melonen-Kuerbiss	Potiron	Zucca	Radijs
Radish	Radies	Rdis	Ravanello	Radbarber
Rhubarb	Rhabarber	Rhubarbe	Rabarbaro	Rosemarijn
Rpsemary	Rosmarin	Rosmarin	Rosmorino	Wijnruit
Rue	Raute	Rue		
Saffron	Safran	Safran	Rafferano	Salie
Sage	Salvel	Sauge	Salvia	
Salsify	Haferwurzel	Salsifis	Barba di becca	Zuring
Sorrel	Sauerampfer	Oscille	Acetosia	Boonenkr uid
Summer Savory	Bohenkraut	Sarriette annulle	Santoreggia	Spinazie
Spinach	Spinat	Spinarde	Spinaccio	Pompeon
Squash	Kuerbiis	Courge	Zucca	
Tansy	Gemeiner-rainfarn	Tanaisie	Atansia	Tijm
Thyme	Thymian	Thym	Timo	Tomaat
Tomato	Liebessapfel	Pomme d'Amour	Pomo d'oro	Raben
Turnip	Weisse-Reube	Nevet	Navone	
Wormwood	Wermuth	Absinthe	Assenzio	Suikerij

## PLANTING CALENDAR

FEBRUARY. Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

MARCH. Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground, Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes, Onion Sets, English Bean.

APRIL. Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground—Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Parsnip, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

MAY. Plant in Open Ground—Asparagus, Beans, Beets, Brocoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Beet, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

JUNE. Plant in Open Ground—Lima Beans, Beets, Brocoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta baga, Melon, Herbs.

JULY. Plant in Open Ground—Beans, Beets, Cauliflower, Carrot, Celery, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Squash, Ruta baga.

AUGUST. Plant in Open Ground—bush beans, Late celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish Spinach, Turnip.

SEPTEMBER. Plant in Open Ground—Cabbage, cauliflower and Lettuce for wintering in cold frames. Asparagus, celery, Kale, Mustard, Winter Radish, Spinach, Turnip.

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There's no money in the other kind. And thousands of poultry men have proved that egg-producing, healthy hens are merely a matter of regularly giving them

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